

```
RESULT 278
US-09-980-052-217/C
; Sequence 217, Application US/09980052
; Patent No. 6670130
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/09/980,052
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: Koparentin 1.71
; SEQ ID NO 217
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium
US-09-980-052-217

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1036 GAGTCACCCAGCCCCCAG 1055
DB      20 GAGTCACCGAAGTCCACAC 1

RESULT 279
US-09-966-312-55
; Sequence 55, Application US/09966312
; Patent No. 6673548
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Stornhoff, James J.
; APPLICANT: Bishanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US/09/966,312
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
```

```
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-966-312-55

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5412
DB      1 AAAAAAAAAAAAAAAAAA 20

RESULT 280
US-09-975-062A-55
; Sequence 55, Application US/09975062A
; Patent No. 6677122
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Stornhoff, James J.
; APPLICANT: Bishanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-111
; CURRENT APPLICATION NUMBER: US/09/975,062A
; PRIOR FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-975-062A-55

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5412
DB      1 AAAAAAAAAAAAAAAAAA 20

RESULT 281
US-09-976-971A-55
; Sequence 55, Application US/09976971A
; Patent No. 6682895
; GENERAL INFORMATION:
```

```
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-961-949A-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAATACAAAAGAA 5412
Db 1 AAAAATACAAAAGAA 20
```

```
RESULT 275
US-09-966-491A-55
; Sequence 55, Application US/09966491A
; Patent No. 6610491
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Eshanihan, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-14
; CURRENT APPLICATION NUMBER: US/09/966,491A
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-491A-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAATACAAAAGAA 5412
Db 1 AAAAATACAAAAGAA 20
```

```
RESULT 276
US-10-027-983-90
; Sequence 90, Application US/10027983
```

```
; Patent No. 6617162
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RTS-0340
; CURRENT APPLICATION NUMBER: US/10/027,983
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-90
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 3639 AATGCTGAGATTGCAGAG 3658
Db 1 AATGCTGAGATTGCAGAG 20
```

```
RESULT 277
US-09-957-313A-55
; Sequence 55, Application US/09957313A
; Patent No. 6645721
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Eshanihan, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-13
; CURRENT APPLICATION NUMBER: US/09/957,313A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-957-313A-55
```

```
Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAATACAAAAGAA 5412
Db 1 AAAAATACAAAAGAA 20
```



```
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 55
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ OTHER INFORMATION: synthetic sequence
US-09-976-978A-55
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 271
US-09-198-452A-4302
/ Sequence 4302, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 4302
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4302
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2547 GGGCGTGTGAAGTATGAGG 2566
Db 1 GGGCGTGTGAAGTATGAGG 20
```

```
RESULT 272
US-09-198-452A-5533/c
/ Sequence 5533, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5533
/ LENGTH: 20
/ TYPE: DNA
```

```
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5533
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2046 ATCAACAAGAGCTCTGGG 2065
Db 20 ACCAACAAGAGCTCTGGG 1
```

```
RESULT 273
US-09-344-260A-10/c
/ Sequence 10, Application US/09344260A
/ Patent No. 6576752
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Lombardi, Harri
/ APPLICANT: Salo, Harri
/ APPLICANT: Virta, Pasi
/ TITLE OF INVENTION: Antimicrobial Functionalized Oligomers
/ FILE REFERENCE: ISIS-3508
/ CURRENT APPLICATION NUMBER: US/09/344,260A
/ CURRENT FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/016,520
/ PRIOR FILING DATE: 1998-01-30
/ NUMBER OF SEQ ID NOS: 18
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 10
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc feature
/ OTHER INFORMATION: No. 6576752e1 Sequence
US-09-344-260A-10
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 274
US-09-961-949A-55
/ Sequence 55, Application US/09961949A
/ Patent No. 6582921
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Strohoff, James J.
/ APPLICANT: Rishanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-11
/ CURRENT APPLICATION NUMBER: US/09/961,949A
/ CURRENT FILING DATE: 2001-09-20
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
```

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAATACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 267
US-09-331-930A-8
; Sequence 8, Application US/09331930A
; Patent No. 6436670
; GENERAL INFORMATION:
; APPLICANT: ZIMMET, PAUL Z.
; APPLICANT: COLLIER, GREGORY
; TITLE OF INVENTION: A NOVEL GENE AND USES THEREFOR
; FILE REFERENCE: 22975-20007.00
; CURRENT APPLICATION NUMBER: US/09/331.930A
; CURRENT FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: PCT/AU98/00902
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: AU PP0117/97
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: AU PP0323/97
; PRIOR FILING DATE: 1997-11-11
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-331-930A-8

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1262 GCGTACAGCCCGACACAC 1281
Db 1 GCGTACAGCTTCACACAC 20

RESULT 268
US-09-726-096A-1/C
; Sequence 1, Application US/09726096A
; Patent No. 6462184
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Back
; FILE REFERENCE: ISIS4528
; CURRENT APPLICATION NUMBER: US/09/726.096A
; CURRENT FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)-(20)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE)
US-09-726-096A-1

Query Match 0.3%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAATACAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 269
US-09-603-830-55
; Sequence 55, Application US/09603830
; Patent No. 6506564
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 4149-1-1-1-1
; CURRENT APPLICATION NUMBER: US/09/603.830
; CURRENT FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/031.809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 09/240.755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: 09/344.667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 60/200.161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-09-603-830-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 270
US-09-976-978A-55
; Sequence 55, Application US/0976978A
; Patent No. 6532097
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976.978A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603.830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344.667

TITLE OF INVENTION: GLAUCOMA THERAPEUTICS AND DIAGNOSTICS
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSER: POLLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/056,285A
FILING DATE: 07-Apr-1998
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: UIA-010.28
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-056-285A-27

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1960 GGCTTCTGAGTCGACGAG 1979
DB 20 GGGAAGCTGAGTTCAGCAG 1

RESULT 264
US-09-205-426-83
Sequence 83, Application US/09205426
Patent No. 6406704
GENERAL INFORMATION:
APPLICANT: Watson, James D.
TITLE OF INVENTION: Compounds and Methods for Treatment and
FILE REFERENCE: 11000.1002c4
CURRENT APPLICATION NUMBER: US/09/205,426
EARLIER FILING DATE: 1998-12-04
EARLIER APPLICATION NUMBER: 09/095,855
EARLIER FILING DATE: 1998-06-11
EARLIER APPLICATION NUMBER: 08/997,362
EARLIER FILING DATE: 1997-12-23
EARLIER APPLICATION NUMBER: 08/873,970
EARLIER FILING DATE: 1997-06-12
EARLIER APPLICATION NUMBER: 08/705,347
EARLIER FILING DATE: 1996-08-29
NUMBER OF SEQ ID NOS: 208
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 83
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Made in a lab
US-09-205-426-83

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAGAAA 5412
DB 1 AAAAAAAAAAAAAAAAAA 20

RESULT 265
US-09-506-073-126/c
Sequence 126, Application US/09506073
Patent No. 6410518
GENERAL INFORMATION:
APPLICANT: Montie, Brett P.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/09/506,073
EARLIER FILING DATE: 2000-02-18
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER FILING DATE: 1998-08-28
EARLIER APPLICATION NUMBER: PCT/US98/13961
EARLIER FILING DATE: 1998-07-06
EARLIER APPLICATION NUMBER: US 08/888,982
EARLIER FILING DATE: 1997-07-07
EARLIER APPLICATION NUMBER: US 08/756,806
EARLIER FILING DATE: 1996-11-26
EARLIER APPLICATION NUMBER: PCT/US95/07111
EARLIER FILING DATE: 1995-05-31
EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER FILING DATE: 1994-05-31
NUMBER OF SEQ ID NOS: 130
SEQ ID NO 126
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-506-073-126

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5412 AAAAAATCAAAAAGAAA 5431
DB 20 AAAAAATCAAAAAGAAA 1

RESULT 266
US-09-619-103-26
Sequence 26, Application US/09619103
Patent No. 6429300
GENERAL INFORMATION:
APPLICANT: Kurtz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/09/619,103
EARLIER FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-26

US-09-324-542-83

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 260

US-09-462-261-37/c
; Sequence 37, Application US/09462261
; Patent No. 6391636
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: Antisense Oligonucleotide
; Modulation of raf Gene Expression
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESSES:
; ADDRESSER: Jane Massey Licata, Esq.
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: Pentium
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/462,261
; FILING DATE: 01-Mar-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/756,806
; FILING DATE: No. 6391636ember 26, 1996
; APPLICATION NUMBER: PCT/US95/07111
; FILING DATE: May 31, 1995
; APPLICATION NUMBER: 08/250,856
; FILING DATE: May 31, 1994
; APPLICATION NUMBER: 08/888,982
; FILING DATE: July 7, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0312
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-462-261-37

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5412 AAAATGAAATTAAGGATA 5431
Db 20 AAAAGGAAATTAATGAACA 1

RESULT 261

US-09-588-950A-5/c

; Sequence 5, Application US/09588950A

; Patent No. 6393305
; GENERAL INFORMATION:
; APPLICANT: Makino, Yoshihiko
; APPLICANT: Abe, Yoshihiko
; APPLICANT: Ogawa, Masashi
; APPLICANT: Takagi, Makoto
; APPLICANT: Takenaka, Shigeori
; APPLICANT: Yamashita, Kenichi
; TITLE OF INVENTION: Protection of Partial Complementary Nucleic Acid Fragment Using ar
; FILE REFERENCE: US-Y-4980/500569, 20039
; CURRENT APPLICATION NUMBER: US/09/588,950A
; CURRENT FILING DATE: 2000-06-07
; PRIOR APPLICATION NUMBER: Japan 11-159339
; PRIOR FILING DATE: 1999-06-07
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthesized
US-09-588-950A-5

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
Db 20 AAAAAAAAAATMAAAAAAAA 1

RESULT 262

US-09-851-520-80/c
; Sequence 80, Application US/09851520
; Patent No. 6393379
; GENERAL INFORMATION:
; APPLICANT: Brenda P. Baker
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 p35 SUBUNIT EXPRESSION
; FILE REFERENCE: RTS-0241
; CURRENT APPLICATION NUMBER: US/09/851,520
; CURRENT FILING DATE: 2001-05-07
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-520-80

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2750 TGTGTGAGAAACAGCATG 2769
Db 20 TGTGTGAGAAACAAACATG 1

RESULT 263

US-09-056-285A-27/c
; Sequence 27, Application US/09056285A
; Patent No. 6403307
; GENERAL INFORMATION:
; APPLICANT: Stone, Edwin M.
; APPLICANT: Sheffield, Val C.
; APPLICANT: Alward, Wallace H.M.
; APPLICANT: Fingert, John

OTHER INFORMATION: Description of Artificial Sequence: No. 6207819e1
OTHER INFORMATION: Sequence
US-09-250-075-1

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 256
US-09-173-936B-14/C
Sequence 14, Application US/09173936B
Patent No. 6238865

GENERAL INFORMATION:
APPLICANT: Zhen, Huang; Szoetak, Jack W.
TITLE OF INVENTION: A Simple and Efficient Method to Label and Modify 3'-
Terminal
of RNA Using DNA Polymerase and a Synthetic Template with D
Nucleotides
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSER: Cohen, Pontani, Lieberman & Pavane
STREET: 551 Fifth Avenue
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10176

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.50 Inch Diskette
COMPUTER: IBM-MS
OPERATING SYSTEM: Window 95
SOFTWARE: Microsoft Word

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/173,936B
FILING DATE: 16-Oct-1998
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/063,757
FILING DATE: 17-Oct-1997
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:

LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-173-936B-14

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 257
US-09-454-704A-13
Sequence 13, Application US/09454704A
Patent No. 6274321

GENERAL INFORMATION:
APPLICANT: Blumberg, Bruce
TITLE OF INVENTION: High Throughput Functional Screening of
CDNAs
FILE REFERENCE: P-UC 3662
CURRENT APPLICATION NUMBER: US/09/454,704A
CURRENT FILING DATE: 1999-12-03

NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: CDNA

US-09-454-704A-13

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
DB 1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 258
US-09-488-856A-83
Sequence 83, Application US/09488856A
Patent No. 6316259

GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Robert McKay
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXP
FILE REFERENCE: RTS-0115
CURRENT APPLICATION NUMBER: US/09/488,856A
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 83
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-09-488-856A-83

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4871 CTCAGTTCCTCTCTGCAA 4890
DB 1 CTCAGTTCCTCTCTGCTA 20

RESULT 259
US-09-324-542-83
Sequence 83, Application US/09324542
Patent No. 6328978

GENERAL INFORMATION:
APPLICANT: Watson, James D.
APPLICANT: Tan, Paul L.J.
APPLICANT: Prestidge, Ross
TITLE OF INVENTION: Methods and Compounds for the Treatment
of Immunologically-Mediated Skin Disorders
FILE REFERENCE: 11000,1007c1
CURRENT APPLICATION NUMBER: US/09/324,542
CURRENT FILING DATE: 1999-06-02
EARLIER APPLICATION NUMBER: US 08/997,080
EARLIER FILING DATE: 1997-12-23
NUMBER OF SEQ ID NOS: 194
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 83
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Made in a lab

```
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,855
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/705,347
FILING DATE: 29-AUG-1996
APPLICATION NUMBER: 08/873,970
FILING DATE: 12-JUN-1997
APPLICATION NUMBER: 08/997,362
FILING DATE: 23-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Sleach, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000,1002c3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
TELEFAX: 206-269-0563
TELEX:
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other
US-09-095-855-83
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 5393 AAAAAATACAAAAAGAA 5412
Db 1 AAAAAAAAAAAAAAAAAA 20
```

```
RESULT 253
US-09-407-675-1
Sequence 1, Application US/09407675
Patent No. 6169176
GENERAL INFORMATION:
APPLICANT: Brulice, Thomas C.
TITLE OF INVENTION: DEOXYNUCLEIC ALKYL THIOURBA COMPOUNDS AND USES THEREOF
FILE REFERENCE: 30448,65U802
CURRENT APPLICATION NUMBER: US/09/407,675
CURRENT FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: 09/347,443
PRIOR FILING DATE: 1999-07-02
PRIOR APPLICATION NUMBER: 60/091,481
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/111,800
PRIOR FILING DATE: 1998-12-11
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Oligo 1
US-09-407-675-1
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 5393 AAAAAATACAAAAAGAA 5412
Db 1 AAAAAAAAAAAAAAAAAA 20
```

```
RESULT 254
US-08-569-147-10
Sequence 10, Application US/08569147
Patent No. 6180377
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: HUMANISED ANTIBODIES
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSER: Woodcock Washburn Kurtz Mackiewicz &
ADDRESSER: No. 6180377's, LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (BPQ)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,147
FILING DATE: 25-March-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Trujillo, Doreen Yalco
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CARP-0047
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-569-147-10
```

```
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 1272 CCACCAACCACTGGAGC 1291
Db 1 CCACCAACCACTGGAGC 20
```

```
RESULT 255
US-09-250-075-1/C
Sequence 1, Application US/09250075
Patent No. 6207819
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of
FILE REFERENCE: ISIS3299
CURRENT APPLICATION NUMBER: US/09/250,075
CURRENT FILING DATE: 1999-02-12
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)-(19)
OTHER INFORMATION: 2'-methoxyethoxy (MOE)
```

RESULT 250
US-08-765-340-84/C
Sequence 84, Application US/08765340
Patent No. 6150092
GENERAL INFORMATION:
APPLICANT: UCHIDA, K.,
APPLICANT: UCHIDA, T.,
APPLICANT: TANAKA, Y.,
APPLICANT: MATSUDA, Y.,
APPLICANT: KONDO, S.,
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
TITLE OF INVENTION: COMPOUND
NUMBER OF SEQUENCES: 185
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & PINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 311130/94
FILING DATE: 21-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: SERUNIAN, LESLIE
REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 1452-4005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 751-6849
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-84
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4398 GAAAGACAGAAAGATGAGA 4417
DB 20 GCAAGACAGAGAAAAATGTGA 1
RESULT 251
US-08-765-340-96/C
Sequence 96, Application US/08765340
Patent No. 6150092
GENERAL INFORMATION:
APPLICANT: UCHIDA, K.,
APPLICANT: UCHIDA, T.,
APPLICANT: TANAKA, Y.,
APPLICANT: MATSUDA, Y.,
APPLICANT: KONDO, S.,
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID

TITLE OF INVENTION: COMPOUND
NUMBER OF SEQUENCES: 185
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & PINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 311130/94
FILING DATE: 21-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: SERUNIAN, LESLIE
REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 1452-4005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 751-6849
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 96:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-96
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAATACAAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1
RESULT 252
US-09-095-855-83
Sequence 83, Application US/09095855
Patent No. 6160093
GENERAL INFORMATION:
APPLICANT: Tan, Paul
APPLICANT: Visser, Elizabeth
APPLICANT: Skinner, Margot
APPLICANT: Prestidge, Ross
TITLE OF INVENTION: Compounds and Methods for
TITLE OF INVENTION: Treatment and Diagnosis of Mycobacterial Infections
NUMBER OF SEQUENCES: 208
CORRESPONDENCE ADDRESS:
ADDRESSEE: Iaw Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/873.970
; FILING DATE: June 12, 1997
; APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/705.347
; FILING DATE: August 29, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sleath, Janet
; REGISTRATION NUMBER: 37,007
; REFERENCE/DOCKET NUMBER: 11000.1002c2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-269-0565
; TELEFAX: 206-269-0563
; TELEX:
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; US-08-997-362-83

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5412
Db      1 AAAAAAAAAAAAAAAAAA 20

RESULT 248
US-08-965-780-1/c
; Sequence 1, Application US/08965780
; GENERAL INFORMATION:
; APPLICANT: Pilsch, Stefan
; APPLICANT: Weiss, Patrick A.
; APPLICANT: Jenny, Iuzi
; TITLE OF INVENTION: RIBONUCLEOSIDE-DERIVATIVE AND METHOD FOR
; TITLE OF INVENTION: PREPARING THE SAME
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KUBOVCIK & KUBOVCIK
; STREET: 900 17th Street, N.W., Suite 990
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/965,780
; FILING DATE: 07-NOV-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: CH 01931/97
; FILING DATE: 18-AUG-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Kubovcik, Ronald J.
; REGISTRATION NUMBER: 25,401
; REFERENCE/DOCKET NUMBER: PREI-002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-887-9023
; TELEFAX: 202-887-9093
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
```

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligoribonucleotide"
; US-08-965-780-1

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5412
Db      20 AAAAAAAAAAAAAAAAAA 1

RESULT 249
US-08-873-970-83
; Sequence 83, Application US/08873970
; Patent No. 6001361
; GENERAL INFORMATION:
; APPLICANT: Tan, Paul
; APPLICANT: Hiyama, Jun
; APPLICANT: Visser, Elizabeth
; APPLICANT: Skinner, Margot
; APPLICANT: Scott, Linda
; APPLICANT: Prestidge, Ross
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Ann W. Speckman
; STREET: 2601 Elliott Avenue, Suite 4185
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/873,970
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/705,347
; FILING DATE: 29-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sleath, Janet
; REGISTRATION NUMBER: 37,007
; REFERENCE/DOCKET NUMBER: 11000.1002c1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-269-0565
; TELEFAX: 206-269-0563
; TELEX:
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; US-08-873-970-83

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5412
Db      1 AAAAAAAAAAAAAAAAAA 20
```


Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 245
US-08-997-080-83
Sequence 83, Application US/08997080
Patent No. 5968524
GENERAL INFORMATION:
APPLICANT: WATSON, JAMES D.
APPLICANT: TAN, PAUL L.U.
TITLE OF INVENTION: METHODS AND COMPOUNDS FOR THE TREATMENT OF IMMUNOLOGICALLY-
NUMBER OF SEQUENCES: 194
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/997,080
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sleach, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1007
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
TELEFAX: 206-269-0563
TELEX:
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other
US-08-997-080-83

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 246
US-08-888-982A-37/C
Sequence 37, Application US/0888982A
Patent No. 5981731
GENERAL INFORMATION:
APPLICANT: Brett P. Nonia
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA

ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/888,982A
FILING DATE: Herewith
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/756,806
FILING DATE: No. 5981731,ember 26, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07111
FILING DATE: May 31, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856
FILING DATE: May 31, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0212
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-888-982A-37

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5412 AAAAAAAAAATACAAAAT 5431
Db 20 AAAAAAAAAATACAAAAT 1

RESULT 247
US-08-997-362-83
Sequence 83, Application US/08997362
Patent No. 5985287
GENERAL INFORMATION:
APPLICANT: Tan, Paul
APPLICANT: Hiyama, Jun
APPLICANT: Visser, Elizabeth
APPLICANT: Skinner, Margot
APPLICANT: Preslidge, Ross
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
NUMBER OF SEQUENCES: 194
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/997,362
FILING DATE:

CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/525.697
FILING DATE: 21-SEP-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Harrington, James J.
REGISTRATION NUMBER: 38,711
REFERENCE/DOCKET NUMBER: 4004.204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DK 0486/93
FILING DATE: 30-APR-1993
CLASSIFICATION: 435
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-525-697-10

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 39 CAGCAGCCCGGGGCTCCACT 58
DB 1 CAGCAGCTCGGGGCTGCACT 20

RESULT 243
US-08-379-593-5/C
Sequence 5, Application US/08379593
Patent No. 5849480
GENERAL INFORMATION:
APPLICANT: Cros, Philippe
APPLICANT: Kurfurst, Robin
APPLICANT: Battail, Nicole
TITLE OF INVENTION: HAPTEN ASSAY DEVICE AND USE THEREOF
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: OLIFP & BERRIDGE
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Floppy disk, 1.44M storage
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,593
FILING DATE: 02-FEB-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36056
TELECOMMUNICATION INFORMATION:

TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "SYNTHETIC DNA"
FEATURE:
OTHER INFORMATION: consists of nucleosides with an alpha anomer and carries
US-08-379-593-5

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5412
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 244
US-08-725-976-16/C
Sequence 16, Application US/08725976
Patent No. 5929208
GENERAL INFORMATION:
APPLICANT: Heller, Michael J. and Tu, Eugene
TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: WINDOWS (VERSION 3.0)
SOFTWARE: WordPerfect (Version 6.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/725,976
FILING DATE: October 4, 1996
CLASSIFICATION: 422
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/146,504
FILING DATE: No. 5929208member 1, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Murphy, David B.
REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 222/211
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-725-976-16

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5412

```

/ REFERENCE/DOCKET NUMBER: UPAP-0191
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 215-568-3100
/ TELEFAX: 215-568-3429
/ INFORMATION FOR SEQ ID NO: 34:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
PCT-US95-16206A-34

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1261 AGCCTACAGCCGACCA 1277
Db      18 AGCCACAGCCGACCA 2

RESULT 240
US-08-457-273B-31/C
/ Sequence 31, Application US/08457273B
/ Patent No. 5849995
/ GENERAL INFORMATION:
/ APPLICANT: Hayden, Michael
/ APPLICANT: Lin, Biaoyang
/ APPLICANT: Nasir, Jamal
/ TITLE OF INVENTION: Mouse Model for Huntington's Disease and
/ TITLE OF INVENTION: Related DNA Sequences
/ NUMBER OF SEQUENCES: 42
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Virginia Bennett
/ STREET: PO Box 37428
/ CITY: Raleigh
/ STATE: No. 5849995ch Carolina
/ COUNTRY: US
/ ZIP: 27627
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/457,273B
/ FILING DATE:
/ CLASSIFICATION: 800
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Bennett, Virginia C.
/ REGISTRATION NUMBER: 37,092
/ REFERENCE/DOCKET NUMBER: 3477-85A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 919-854-1400
/ TELEFAX: 919-854-1401
/ INFORMATION FOR SEQ ID NO: 31:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 22 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
US-08-457-273B-31

Query Match          0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5395 AAAAATACAAAAGAA 5411
Db      20 AAAAATACAAAAGAA 4
```

```

/ RESULT 241
/ US-08-146-504-16/C
/ Sequence 16, Application US/08146504
/ Patent No. 5605662
/ GENERAL INFORMATION:
/ APPLICANT: Heller, Michael J. and Tu, Eugene
/ TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
/ TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR
/ TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS AND
/ TITLE OF INVENTION: DIAGNOSTICS
/ NUMBER OF SEQUENCES: 31
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 611 West Sixth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: USA
/ ZIP: 90017
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 MB
/ COMPUTER: IBM compatible
/ OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
/ SOFTWARE: WordPerfect (Version 5.1)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/146,504
/ FILING DATE: No. 5605662ember 1, 1993
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 203/218
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 16:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-146-504-16

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAATACAAAAGAA 5412
Db      20 AAAAATACAAAAGAA 1

RESULT 242
US-08-525-697-10
/ Sequence 10, Application US/08525697
/ Patent No. 5795764
/ GENERAL INFORMATION:
/ APPLICANT: Christgau, Stephan
/ APPLICANT: Andersen, Lene N
/ APPLICANT: Kauppinen, Sakari
/ APPLICANT: Heldt-Hansen, Hans P
/ APPLICANT: Dalboege, Henrik
/ TITLE OF INVENTION: AN ENZYME EXHIBITING MANNANASE ACTIVITY
/ NUMBER OF SEQUENCES: 15
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: No. 5795764o No. 5795764disk of No. 5795764th America, Inc.
/ STREET: 405 Lexington Avenue, 64th Floor
```

```
ATTORNEY/AGENT INFORMATION:
; NAME: Fraser, Janis K.
; REGISTRATION NUMBER: 34,819
; REFERENCE/DOCKET NUMBER: 06765/003002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-09-506-859-31

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 2609 AGGGAGGAACCTGATG 2625
Db 3 AGGGAGGAACCAAGATG 19

RESULT 237
US-09-349-040A-10/C
; Sequence 10, Application US/09349040A
; Patent No. 6593466
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349, 040A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6593466e1 Sequence
; US-09-349-040A-10

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1186 AGAGAGAGAGAAATC 1202
Db 18 AGAGAGAGAGAAATC 2

RESULT 238
PCT-US95-15428-31
; Sequence 31, Application PC/TUS9515428
; GENERAL INFORMATION:
; APPLICANT: Letarte, Michelle
; APPLICANT: Marchuk, Douglas A.
; APPLICANT: McAllister, Kimberly
; TITLE OF INVENTION: DIAGNOSIS OF AND THERAPY FOR
; TITLE OF INVENTION: HEREDITARY HAEMORRHAGIC TELANGIECTASIA
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street Suite 3100
; CITY: Boston
```

```
STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/15428
; FILING DATE: 29-NOV-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,129
; FILING DATE: 29-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Fraser, Janis K.
; REGISTRATION NUMBER: 34,819
; REFERENCE/DOCKET NUMBER: 06765/006001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US95-15428-31

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 2609 AGGGAGGAACCTGATG 2625
Db 3 AGGGAGGAACCAAGATG 19

RESULT 239
PCT-US95-16206A-34/C
; Sequence 34, Application PC/TUS9516206A
; GENERAL INFORMATION:
; APPLICANT: Weiner, David B.
; APPLICANT: Wang, Bin
; APPLICANT: Ugen, Kenneth E.
; TITLE OF INVENTION: Delivery of Nucleic Acid Molecules to Mucosal
; TITLE OF INVENTION: Tissue
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris
; STREET: One Liberty Place 46th Floor
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/16206A
; FILING DATE: 15-DEC-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/357,398
; FILING DATE: 16-DEC-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: DeLuca, Mark
; REGISTRATION NUMBER: 33,229
```

CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6348449r1s
STREET: One Liberty Place 46th Floor
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/357,398A
FILING DATE: 16-DEC-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: UPAP-0114
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3429
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-357-398A-34

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCCTACAGCCCAACA 1277
DB 18 AGCCAACAGCCCAACA 2

RESULT 234
US-09-612-531-6/c
Sequence 6, Application US/09612531
Patent No. 6534639
GENERAL INFORMATION:
APPLICANT: Manoharan, Muchiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkateshman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: 1s1s-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Oligonucleotide
US-09-612-531-6

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAAGAGAGAGAAATC 1202
DB 18 AGAAGAGAGAGAAATC 2

RESULT 235
US-09-422-978-11559/c
Sequence 11559, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marla
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET 020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11559
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURES:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-9778 for SEQ 3694, in complemer
US-09-422-978-11559

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2129 GGAAGGAAAAACTACA 2145
DB 20 GGAAGGAAAAACTACA 4

RESULT 236
US-09-506-859-31
Sequence 31, Application US/09506859
Patent No. 6562957
GENERAL INFORMATION:
APPLICANT: Letarte, Michelle
APPLICANT: Marchuk, Douglas A.
APPLICANT: McAllister, Kimberly
TITLE OF INVENTION: DIAGNOSIS OF AND THERAPY FOR
TITLE OF INVENTION: HEREDITARY HAEMORRHAGIC TELANGIECTASIA
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street Suite 3100
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/506,859
FILING DATE: 28-SEP-1999
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,129
FILING DATE: 29-NOV-1994

```
; Patent No. 6087485
; GENERAL INFORMATION:
; APPLICANT: Axy's Pharmaceuticals, Inc.
; TITLE OF INVENTION: Asthma Related Genes
; NUMBER OF SEQUENCES: 339
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bozicevic & Reed, LLP
; STREET: 285 Hamilton Ave, Suite 200
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/009,913
; FILING DATE: 21-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: SEQ-4P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3231
; TELEFAX: 650-327-3231
; TELEX:
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-009-913-56

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.7e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      4891 ACAAGTCCCATCTGCTT 4909
DB      20 ACAAGTCTGCTGCTGCTT 2

RESULT 231
; US-09-321-461-42/c
; Sequence 42, Application US/09321461
; Patent No. 6197755
; GENERAL INFORMATION:
; APPLICANT: Carrano, Richard A.
; TITLE OF INVENTION: Compositions and Methods for
; Delivery of Genetic Material
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; and No. 6197755r1b
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 KB
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/321,461
```

```
; FILING DATE: 27-May-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/704,701
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: APOL-0186
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 42:
; US-09-321-461-42

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1261 AGCCTACGCCGCCACCA 1277
DB      18 AGCCAACAGCCGCCACCA 2

RESULT 232
; US-08-853-980-11/c
; Sequence 11, Application US/08853980
; Patent No. 6225082
; GENERAL INFORMATION:
; APPLICANT: Carson, John H.
; APPLICANT: Kwon, Sunjong
; APPLICANT: Aigner, Kevin
; APPLICANT: Avossa, Daniela
; TITLE OF INVENTION: MYELIN BASIC PROTEIN mRNA TRANSPORT AND TRANSLATION
; TITLE OF INVENTION: ENHANCER SEQUENCES
; FILE REFERENCE: RCT
; CURRENT APPLICATION NUMBER: US/08/853,980
; CURRENT FILING DATE: 1997-05-09
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: bovine NOS
; US-08-853-980-11

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      81 CTGCTCGCGGCTCCCTC 97
DB      20 CTGCTCGTGGCTCTCTC 4

RESULT 233
; US-08-357-398A-34/c
; Sequence 34, Application US/08357398A
; Patent No. 6348449
; GENERAL INFORMATION:
; APPLICANT: Weiner, David B.
; APPLICANT: Wang, Bin
; APPLICANT: Ugen, Kenneth E.
; TITLE OF INVENTION: Methods of Inducing Mucosal Immunity
; NUMBER OF SEQUENCES: 40
```

APPLICATION NUMBER: 08/124,962
FILING DATE: 21-SEP-1993
PRIOR APPLICATION DATA: 08/093,225
FILING DATE: 15-JUL-1993
PRIOR APPLICATION DATA: 08/029,336
FILING DATE: 11-MAR-1993
PRIOR APPLICATION DATA: 08/008,342
FILING DATE: 26-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: UPAP-0253
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3429
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-979-385B-46

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCCTACAGCCACCA 1277
DB 18 AGCCAAAGCCCA 2

RESULT 228
US-08-564-496C-31
Sequence 31, Application US/08564496C
Patent No. 6022687
GENERAL INFORMATION:
APPLICANT: Letarte, Michelle
APPLICANT: Marchuk, Douglas A.
APPLICANT: McAllister, Kimberly
TITLE OF INVENTION: DIAGNOSIS OF AND THERAPY FOR
NUMBER OF SEQUENCES: 42
TITLE OF INVENTION: HEREDITARY HAEMORRHAGIC TELANGIECTASIA
CORRESPONDENCE ADDRESS:
ADDRESSER: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/564,496C
FILING DATE: 29-NOV-1995
PRIOR APPLICATION DATA: 08/346,129
APPLICATION NUMBER: 08/346,129
FILING DATE: 29-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Fraser, Ph.D., J.D., Janie K.
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 06765/006001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154

INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
US-08-564-496C-31

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2609 AGGAGAGAACTGATG 2625
DB 3 AGGAGAGAACTGATG 19

RESULT 229
US-09-285-957-21
Sequence 21, Application US/09285957
Patent No. 6033823
GENERAL INFORMATION:
APPLICANT: VAN DER LAAN, Jan Wetske
APPLICANT: RIEMENS, Adriana Marina
APPLICANT: QUAX, Wilhelmus Johannes
TITLE OF INVENTION: Mutated Penicillin G Acylase Genes
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSER: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/285,957
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/793,229
FILING DATE:
ATTORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 97075
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)913-0001
TELEFAX: (312)913-0002
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-09-285-957-21

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.7e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3967 GGGCTCTCTGACATCAAG 3987
DB 1 GGGVCACTCTGGGCTCAAG 21

RESULT 230
US-09-009-913-56/C
Sequence 56, Application US/09009913

QY 1261 AGCTACAGCCCA 1277
Db 18 AGCCACAGCCCA 2

RESULT 225

US-08-793-229-21
Sequence 21, Application US/08793229
Patent No. 5891703
GENERAL INFORMATION:
APPLICANT: VAN DER LAAN, Jan Metske
APPLICANT: RIEMENS, Adriana Marina
APPLICANT: QUAX, Wilhelmus Johannes
TITLE OF INVENTION: Mutated Penicillin G Acylase Genes
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESSES:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/793,229
FILING DATE: 23-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP95/03249
FILING DATE:
ATTORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 97075
TELEPHONE: (312)913-0001
TELEFAX: (312)913-0002
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: other nucleic acid
US-08-793-229-21

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.7e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3967 GGGGCTGCTGCTGACATCAAG 3987
Db 1 GGGVCACTGCTGGGCTCAAG 21

RESULT 226

US-08-704-701-42/c
Sequence 42, Application US/08704701
Patent No. 5962428
GENERAL INFORMATION:
APPLICANT: Carrano, Richard A.
TITLE OF INVENTION: Compositions and Methods for
TITLE OF INVENTION: Delivery of Genetic Material
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
ADDRESS: and No. 5962428 is
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.

ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Mordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/704,701
FILING DATE: 16-SEP-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/221,579
FILING DATE: 01-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: APOL-0186
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-704-701-42

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCTACAGCCCA 1277
Db 18 AGCCACAGCCCA 2

RESULT 227

US-08-979-385B-46/c
Sequence 46, Application US/08979385B
Patent No. 5981505
GENERAL INFORMATION:
APPLICANT: Weiner, David B.
APPLICANT: Williams, William V.
TITLE OF INVENTION: Compositions and Methods for Delivery of
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5981505 is
STREET: One Liberty Place 46th Floor
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25 mb-MD/JAF
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/979,385B
FILING DATE: 26-NOV-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/495,684
FILING DATE: 28-SEP-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/00899
FILING DATE: 26-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/125,012
FILING DATE: 21-SEP-1993
PRIOR APPLICATION DATA:


```

1  APPLICANT: Grifffais, R.
2  TITLE OR INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragmented
3  TITLE OR INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
4  TITLE OR INVENTION: and treatment of infection
5  FILE REFERENCE: 9710-003-999
6  CURRENT APPLICATION NUMBER: US/09/198,452A
7  CURRENT FILING DATE: 1998-11-24
8  NUMBER OF SEQ ID NOS: 6849
9  SEQ ID NO 2624
10 LENGTH: 20
11 TYPE: DNA
12 ORGANISM: Chlamydia pneumoniae
13 US-09-198-452A-2624

```

Query Match	0.3%	Score 15.4;	DB 1;	Length 20;
Best Local Similarity	94.1%	Pred. NO. 3.5e+02;		
Matches 16;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;
QY	604	CTGGCAATTAAGCGCA	620	
Db	3	CTGGTCATTAAGCGCA	19	

RESULT 222
 US-09-187-330-9
 Sequence 9, Application US/09187330
 Patent No. 6613740
 GENERAL INFORMATION:
 APPLICANT: Gozes, Illana
 APPLICANT: Breneman, Douglas E.
 APPLICANT: Baasan, Meray
 APPLICANT: Zamostiano, Rachel
 APPLICANT: as represented by the Secretary of the
 APPLICANT: Department of Health and Human Services
 TITLE OR INVENTION: Activity Dependent Neurotrophic Factor III (ADNF III)
 FILE REFERENCE: 015280-291200US
 CURRENT APPLICATION NUMBER: US/09/187.330
 CURRENT FILING DATE: 1998-11-06
 EARLIER APPLICATION NUMBER: US 60/037,404
 EARLIER FILING DATE: 1997-02-07
 EARLIER APPLICATION NUMBER: WO PCT/US98/02485
 EARLIER FILING DATE: 1998-02-06
 NUMBER OF SEQ ID NOS: 63
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 9
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence:sense primer
 OTHER INFORMATION: (bases 71-90) for amplification of ADNF III cDNA
 US-09-187-330-9

	Query Match	Score	DB 1	Length
Best Local Similarity	94.1%	Pred. No. 3.5e+02		
Matches	16	Conservative	0	Mismatches 1, Indels 0, Gaps 0
QY	3305	ACCTGCAGCAGAACAC	3321	
Db	1	ACCTGCAGCAGAACAC	17	

RESULT 223
US-09-033-936-7/c
Sequence 7, Application US/090339366
Patent No. 6632576
GENERAL INFORMATION:
APPLICANT: TOMIZUDA, KAZUMA
APPLICANT: YOSHIDA, HIROSHI
APPLICANT: HANAOKA, KATUNORI
APPLICANT: OSHIMURA, MITSUO
APPLICANT: ISHIDA, ISAO

```

; TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; PILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/09/033,936
; CURRENT FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/JP96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-033-936-7

Query Match      0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      865 GCAAGTGCCTAATGCCCTG 881
      ||| ||||| ||||| |||
Db      20 GCACTGCTAATGCCCTG 4

```

RESULT 224
 US-08-221-579A-42/C
 : Sequence 42, Application US/08221579A
 : Patent No. 5739118
 : GENERAL INFORMATION:
 : APPLICANT: Carrano, Richard A.
 : TITLE OF INVENTION: Compositions and Methods for
 : TITLE OF INVENTION: Delivery of Genetic Material
 : NUMBER OF SEQUENCES: 48
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Woodcock Maehburn Kurtz Mackiewicz
 : ADDRESSEE: and No. 5739118
 : STREET: One Liberty Place - 46th Floor
 : CITY: Philadelphia
 : STATE: PA
 : COUNTRY: U.S.A.
 : ZIP: 19103
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: 3.5 inch disk, 720 Kb
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: Wordperfect 5.1
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/221.579A
 : FILING DATE: 01-APR-1994
 : CLASSIFICATION: 514
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER:
 : FILING DATE:
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Deluca, Mark
 : REGISTRATION NUMBER: 33,229
 : REFERENCE/DOCKET NUMBER: APOL-0186
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: 215-568-3100
 : TELEFAX: 215-568-3439
 : INFORMATION FOR SEQ ID NO: 42:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 21 base pairs
 : TYPE: nucleic acid
 : STRANDEDNESS: single
 : TOPOLOGY: linear
 : US-08-221-579A-42

Query Match	0.3%	Score 15.4;	DB 1;	Length 21;
Best Local Similarity	94.1%;	Pred. NO. 3.7e+02;		
Matches 16;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: CELL GENESYS, INC.
;; STREET: 322 LAKESIDE DRIVE
;; CITY: FOSTER CITY
;; STATE: CALIFORNIA
;; COUNTRY: USA
;; ZIP: 94404
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: floppy disk
;; OPERATING SYSTEM: IBM PC compatible
;; SOFTWARE: Patent in Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/266,596
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/517,488
;; FILING DATE: 21-AUG-1995
;; APPLICATION NUMBER: US 08/258,152
;; FILING DATE: 10-JUN-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/076,299
;; FILING DATE: 11-JUN-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: KRUPEN, KAREN I.
;; REGISTRATION NUMBER: 34,647
;; REFERENCE/DOCKET NUMBER: CELL 13.3
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 415-358-9600 X131
;; TELEFAX: 415-349-7392
;; INFORMATION FOR SEQ ID NO: 42:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
;; US-09-266-596-42

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4821 CACCAGCCCTTGACCT 4837
Db 19 CACCAGCCCTTGACCT 3

RESULT 219
US-09-487-445-168/c
; Sequence 168, Application US/09487445
; Patent No. 6258600
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTS-0107
; CURRENT APPLICATION NUMBER: US/09/487,445
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 168
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-487-445-168

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3175 CTTTGCCAGAGACTGAG 3191
Db 19 CTTTGCCAGAGACTGAG 3

RESULT 220
US-09-944-411-42/c
; Sequence 42, Application US/09944411
; Patent No. 6506604
; GENERAL INFORMATION:
; APPLICANT: FINER, MITCHELL H.
; DULL, THOMAS J.
; ZSEBO, KRISZTINA M.
; COOKE, KESGAN
; PARSON, DEBORAH A.
; TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER
; OF MAMMALIAN CELLS
; VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION
; OR MAMMALIAN CELLS
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CELL GENESYS, INC.
; STREET: 322 LAKESIDE DRIVE
; CITY: FOSTER CITY
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/944,411
; FILING DATE: 04-Sep-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/914,893
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/258,152
; FILING DATE: 10-JUN-1994
; APPLICATION NUMBER: US 08/076,299
; FILING DATE: 11-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: KRUPEN, KAREN I.
; REGISTRATION NUMBER: 34,647
; REFERENCE/DOCKET NUMBER: CELL 13.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-358-9600 X131
; TELEFAX: 415-349-7392
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 42:
; US-09-944-411-42

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4821 CACCAGCCCTTGACCT 4837
Db 19 CACCAGCCCTTGACCT 3

RESULT 221
US-09-198-452A-2624
; Sequence 2624, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..19
PCT-US94-09350-9

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4066 TTCGAATGGCCACTT 4082
DB 18 TTCACATGGCCACTT 2

RESULT 216
PCT-US94-09350-10
Sequence 10, Application PC/TUS9409350
GENERAL INFORMATION:
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSER: Spensley Horn Judas & Lubitz
STREET: 1880 Century Park East - Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/09350
FILING DATE: 19-AUG-1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: PD-3758
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..19
PCT-US94-09350-10

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4066 TTCGAATGGCCACTT 4082
|||||

DB 2 TTCACATGGCCACTT 18

RESULT 217
US-08-222-177A-55
Sequence 55, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSER: Demilt Rose & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865, 601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
TELEX:
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mtdip2
US-08-222-177A-55

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4764 ACTCTGGAGAGGCA 4780
DB 4 ACTCTGGAGAGGCA 20

RESULT 218
US-09-266-596-42/C
Sequence 42, Application US/09266596
Patent No. 6218187
GENERAL INFORMATION:
APPLICANT: FINER, MITCHELL H.
APPLICANT: DULL, THOMAS J.
APPLICANT: ZSEBO, KRISTINA M.
APPLICANT: COOKE, KEEGAN
APPLICANT: PARSON, DEBORAH A.
TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER
TITLE OF INVENTION: VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION
TITLE OF INVENTION: OF MAMMALIAN CELLS
NUMBER OF SEQUENCES: 48

```

; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/110,161A
; FILING DATE: 20-AUG-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Tumarkin Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-2981
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..19
; US-08-110-161A-9

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4066 TTCCAAATGCGCCACTT 4082
Db 18 TTCCACATGCGCCACTT 2

RESULT 213
US-08-110-161A-10
; Sequence 10, Application US/08110161A
; Patent No. 6498147
; GENERAL INFORMATION:
; APPLICANT: Nerenberg, Michael I.
; TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-XB
; TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East - Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/110,161A
; FILING DATE: 20-AUG-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Tumarkin Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-2981
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

```

```

; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..19
; US-08-110-161A-10

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4066 TTCCAAATGCGCCACTT 4082
Db 2 TTCCACATGCGCCACTT 18

RESULT 214
US-09-696-791-3888/c
; Sequence 3888, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3888
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: PCNA HH ribozyme binding site
; US-09-696-791-3888

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2328 CACCTCTTGAGAGTGG 2344
Db 19 CACCTCTTGAGAGTGG 3

RESULT 215
PCT-US94-09350-9/c
; Sequence 9, Application PC/TUS9409350
; GENERAL INFORMATION:
; APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
; TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-XB
; TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East - Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/09350
; FILING DATE: 19-AUG-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Tumarkin Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-3758

```

OTHER INFORMATION: downstream amplification primer 99-8226 for SEQ 3636, in complement
US-09-422-978-11501

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2436 GGATGAGAGGAGAG 2452
DB 2 GGATGAGAGGAGAG 18

RESULT 210
US-08-052-997-17
Sequence 17, Application US/08052997
Patent No. 5556786
GENERAL INFORMATION:
APPLICANT: Kere, Juna
APPLICANT: Schlessinger, David
APPLICANT: de la Chapelle, Albert
TITLE OF INVENTION: ANHIDROTIC ECTODERMAL DYSPLASIA GENE
TITLE OF INVENTION: AND METHOD OF DETECTING SAME
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESSES:
ADDRESSEE: POPHAM HAIK SCHNOBICH & KAUFMAN, LTD.
STREET: 1225 Eye Street N.W., Suite 1000
CITY: Washington, D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/052,997
FILING DATE: 27-APR-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: O'Shaughnessy, Brian P.
REGISTRATION NUMBER: 32,747
REFERENCE/DOCKET NUMBER: 9594/81-2189
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 289-1200
TELEFAX: (202) 289-6674
TELEX: 248516
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
CLONE: yeast artificial chromosome
US-08-052-997-17
Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 339 TTTCCTACCACTCCCC 355
DB 2 TTTCCTACCACTCCACC 18
RESULT 211
US-08-684-672-17
Sequence 17, Application US/08684672
Patent No. 5700926

GENERAL INFORMATION:
APPLICANT: KERE, Juna
APPLICANT: SCHLESSINGER, David
APPLICANT: de la CHAPELLE, Albert
TITLE OF INVENTION: MOLECULAR CLONING OF THE ANHIDROTIC
TITLE OF INVENTION: ECTODERMAL DYSPLASIA GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESSES:
ADDRESSEE: BURNS, DONALD, SWECKER & MATHEIS, L.L.P.
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/684,672

FILING DATE: 22-JUL-1996

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/052,997

FILING DATE: 27-APR-1993

ATTORNEY/AGENT INFORMATION:

NAME: O'Shaughnessy, Brian P.

REGISTRATION NUMBER: 32,747

REFERENCE/DOCKET NUMBER: 030956-002

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 836-6620

TELEFAX: (703) 836-2021

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-684-672-17

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 339 TTTCCTACCACTCCCC 355
DB 2 TTTCCTACCACTCCACC 18

RESULT 212
US-08-110-161A-9/C
Sequence 9, Application US/08110161A
Patent No. 6498147
GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Kitajima, Isao
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Spensley Horn Jubs & Lubitz
STREET: 1880 Century Park East - Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-129

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAAA 1200
DB 2 AAAGAGAGAGAGAGAGA 18

RESULT 206
US-09-158-695-5
Sequence 5, Application US/09158695
Patent No. 6379957
GENERAL INFORMATION:
APPLICANT: Johnston-Dow, Leslie
APPLICANT: Demeter, Lisa
APPLICANT: White, Camille B.
APPLICANT: Song, Kening
APPLICANT: Kohlenberger, Robert
APPLICANT: Conrad, Morgan
APPLICANT: Myers, Angela
TITLE OF INVENTION: No. 6379957e1 Methods for HIV Sequencing and Genotyping
FILE REFERENCE: 07414.0005
CURRENT APPLICATION NUMBER: US/09/158,695
CURRENT FILING DATE: 1998-09-21
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 18
TYPE: DNA
ORGANISM: HIV
US-09-158-695-5

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCTACAGCCCAACCA 1277
DB 1 AGCCACAGCCCAACCA 17

RESULT 207
US-10-092-022-5
Sequence 5, Application US/10092022
Patent No. 6531588
GENERAL INFORMATION:
APPLICANT: Johnston-Dow, Leslie
APPLICANT: Demeter, Lisa
APPLICANT: White, Camille B.
APPLICANT: Song, Kening
APPLICANT: Kohlenberger, Robert
APPLICANT: Conrad, Morgan
APPLICANT: Myers, Angela
TITLE OF INVENTION: No. 6531588e1 Methods for HIV Sequencing and Genotyping
FILE REFERENCE: 07414.0005-01000
CURRENT APPLICATION NUMBER: US/10/092,022
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/158,695
PRIOR FILING DATE: 1998-09-21
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 18
TYPE: DNA
ORGANISM: HIV
US-10-092-022-5

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCTACAGCCCAACCA 1277
DB 1 AGCCACAGCCCAACCA 17

RESULT 208
US-09-422-978-7215
Sequence 7215, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marca
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7215
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-2956 for SEQ 3281,
US-09-422-978-7215

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4871 CTCAGTTCTTCTCTG 4887
DB 1 CTCAGTTCTTCTCTG 17

RESULT 209
US-09-422-978-11501
Sequence 11501, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marca
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11501
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18

NUMBER OF SEQ ID NOS: 6
SOFTWARE: Word for Windows
SEQ ID NO 5
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
NAME/KEY:
LOCATION:
OTHER INFORMATION: synthesized
US-09-437-076-5

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAG 1197
DB 2 GAGAGAGAGAGAGAGAG 18

RESULT 202
US-09-437-076-6/c
Sequence 6, Application US/09437076
Patent No. 6261779
GENERAL INFORMATION:
APPLICANT: Barber-Guillem, Emilio
APPLICANT: Nelson, M. Bud
TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
CURRENT FILING DATE: 1999-11-09
EARLIER FILING DATE:
NUMBER OF SEQ ID NOS: 6
SOFTWARE: word for windows
SEQ ID NO 6
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
NAME/KEY:
LOCATION:
OTHER INFORMATION: synthesized
US-09-437-076-6

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGCA 1196
DB 18 AGAGAGAGAGAGAGAGA 2

RESULT 203
US-09-496-694B-38
Sequence 38, Application US/09496694B
Patent No. 6335194
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0439
CURRENT FILING DATE: 2000-02-02
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249

SEQ ID NO 38
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-38

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAA 1200
DB 1 AAAGAGAGAGAGAGAGA 17

RESULT 204
US-09-496-694B-78
Sequence 78, Application US/09496694B
Patent No. 6335194
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0439
CURRENT FILING DATE: 2000-02-02
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 78
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-78

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAA 1200
DB 1 AAAGAGAGAGAGAGAGA 17

RESULT 205
US-09-496-694B-129
Sequence 129, Application US/09496694B
Patent No. 6335194
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0439
CURRENT FILING DATE: 2000-02-02
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 129
LENGTH: 18
TYPE: DNA

US-08-408-011-51/c
; Sequence 51, Application US/08408011
; Patent No. 5928642
; GENERAL INFORMATION:
; APPLICANT: Primi, Daniele
; TITLE OF INVENTION: Diagnosis and Treatment of
; TITLE OF INVENTION: AIDS Onset
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Thomas E. Popovich, Thomas
; ADDRESSEE: Popovich & Associates
; STREET: 80 South 8th Street
; CITY: Minneapolis
; STATE: Minnesota
; COUNTRY: USA
; ZIP: 55402-2111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible Compaq Prolinea
; OPERATING SYSTEM: MS-DOS Version 5
; SOFTWARE: Microsoft Word for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/408,011
; FILING DATE: 18-OCT-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/973,485
; FILING DATE: No. 5928642member 9, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Thomas E. Popovich
; REGISTRATION/DOCKET NUMBER: 30099
; TELEPHONE: (612) 334-8991
; TELEFAX: (612) 334-8994
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Other nucleic acid
; MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor
; MOLECULE TYPE: Va region)
; HYPOTHETICAL: No
; ORIGINAL SOURCE: Synthesized using
; ORIGINAL SOURCE: oligonucleotide synthesis machine
; PUBLICATION INFORMATION:
; AUTHORS: Imberti, Luisa; Sottini,
; AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
; TITLE: Selective Depletion in HIV Infection
; TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
; JOURNAL: Science
; VOLUME: 254
; ISSUE: 5033
; PAGES: 860-862
; PUBLICATION DATE: No. 5928642member 8, 1991
; US-08-408-011-51

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4298 TTCGAGGAAGACTGAG 4314

Db 18 TTCAGAGGAAGACTGAG 2

RESULT 199
US-09-163-162-29

; Sequence 29, Application US/09163162
; Patent No. 6077709
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Ackermann, Elizabeth J.
; APPLICANT: Swayze, Eric E.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: RTS-0008
; CURRENT APPLICATION NUMBER: US/09/163,162
; CURRENT FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-163-162-29

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAAA 1200

Db 1 AAAGAGAGAGAGAGA 17

RESULT 200
US-09-286-407-29

; Sequence 29, Application US/09286407A
; Patent No. 6165788
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Ackermann, Elizabeth J.
; APPLICANT: Swayze, Eric E.
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0349
; CURRENT APPLICATION NUMBER: US/09/286,407A
; CURRENT FILING DATE: 1999-04-05
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-286-407-29

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAAA 1200

Db 1 AAAGAGAGAGAGAGA 17

RESULT 201
US-09-437-076-5

; Sequence 5, Application US/09437076
; Patent No. 6261779
; GENERAL INFORMATION:
; APPLICANT: Barber-Gullien, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Caetiro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form c
; CURRENT APPLICATION NUMBER: US/09/437,076
; CURRENT FILING DATE: 1999-11-09
; EARLIER APPLICATION NUMBER:
; EARLIER FILING DATE:

RESULT 196

US-08-320-306-51/C
Sequence 51, Application US/08320306
Patent No. 5891623
GENERAL INFORMATION:
APPLICANT: Primi, Daniele
TITLE OF INVENTION: Diagnosis and Treatment of
TITLE OF INVENTION: AIDS Onset
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Thomas E. Popovich, Thomas
ADDRESSEE: Popovich & Associates
STREET: 80 South 8th Street
CITY: Minneapolis
STATE: Minnesota
COUNTRY: USA
ZIP: 55402-2111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible Compaq Prolinea
COMPUTER: 4/66
OPERATING SYSTEM: MS-DOS Version 5
SOFTWARE: Microsoft Word for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/320,306
FILING DATE: 06-OCT-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,485
FILING DATE: No. 5891623ember 9, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Thomas E. Popovich
REGISTRATION NUMBER: 30099
REFERENCE/DOCKET NUMBER: 3678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 334-8991
TELEFAX: (612) 334-8994
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Other nucleic acid
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor
MOLECULE TYPE: Va region)
HYPOTHETICAL: No
ORIGINAL SOURCE: Synthesized using
ORIGINAL SOURCE: oligonucleotide synthesis machine
PUBLICATION INFORMATION:
AUTHORS: Imberti, Luisa; Sottini,
AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
AUTHORS: Daniele
TITLE: Selective Depletion in HIV Infection
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
JOURNAL: Science
VOLUME: 254
ISSUE: 5033
PAGES: 860-862
PUBLICATION DATE: No. 5891623ember 8, 1991
US-08-320-306-51

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 4298 TTGGAAGAACTGAG 4314
DB 18 TTGGAAGAACTGAG 2

RESULT 197

US-08-488-209B-51/C
Sequence 51, Application US/08488209B
Patent No. 5925513
GENERAL INFORMATION:
APPLICANT: Primi, Daniele
TITLE OF INVENTION: Diagnosis and Treatment of
TITLE OF INVENTION: AIDS Onset
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Thomas E. Popovich, Thomas
ADDRESSEE: Popovich & Associates
STREET: 80 South 8th Street
CITY: Minneapolis
STATE: Minnesota
COUNTRY: USA
ZIP: 55402-2111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible Compaq Prolinea
COMPUTER: 4/66
OPERATING SYSTEM: MS-DOS Version 5
SOFTWARE: Microsoft Word for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,209B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,485
FILING DATE: No. 5925513ember 9, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Thomas E. Popovich
REGISTRATION NUMBER: 30099
REFERENCE/DOCKET NUMBER: 3678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 334-8991
TELEFAX: (612) 334-8994
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Other nucleic acid
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor
MOLECULE TYPE: Va region)
HYPOTHETICAL: No
ORIGINAL SOURCE: Synthesized using
ORIGINAL SOURCE: oligonucleotide synthesis machine
PUBLICATION INFORMATION:
AUTHORS: Imberti, Luisa; Sottini,
AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
AUTHORS: Daniele
TITLE: Selective Depletion in HIV Infection
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
JOURNAL: Science
VOLUME: 254
ISSUE: 5033
PAGES: 860-862
PUBLICATION DATE: No. 5925513ember 8, 1991
US-08-488-209B-51

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 4298 TTGGAAGAACTGAG 4314
DB 18 TTGGAAGAACTGAG 2

RESULT 198

COUNTRY: U.S.A.
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1064-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-849-021-6

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1;

QY 1181 GAGAGAGAGAGAGAG 1197
DB 17 GAGAGAGAGAGAGAG 1

RESULT 194
US-09-371-772B-6931
Sequence 6931, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MHHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6931
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6931

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 1; Mismatches 1;

QY 199 CCACACCCCATCTCCG 215
DB 1 CCACACCCCAACTCCG 17

RESULT 195
US-08-488-212A-51/C
Sequence 51, Application US/08488212A
Patent No. 5665355
GENERAL INFORMATION:
APPLICANT: Primi, Daniele
TITLE OF INVENTION: Diagnosis and Treatment of
TITLE OF INVENTION: AIDS Onset
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSER: Thomas R. Popovich, Thomas
ADDRESSER: Popovich & Associates
STREET: 80 South 8th Street
CITY: Minneapolis
STATE: Minnesota
COUNTRY: USA
ZIP: 55402-2111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible Compaq Prolinea
COMPUTER: 4/66
OPERATING SYSTEM: MS-DOS Version 5
SOFTWARE: Microsoft Word for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,212A
FILING DATE: 07-Jun-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,485
FILING DATE: No. 5665355member 9, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Thomas R. Popovich
REGISTRATION NUMBER: 30099
REFERENCE/DOCKET NUMBER: 3678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 334-8991
TELEFAX: (612) 334-8994
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor
MOLECULE TYPE: Va region)
HYPOTHEICAL: No
ORIGINAL SOURCE: Synthesized using
ORIGINAL SOURCE: oligonucleotide synthesis machine
PUBLICATION INFORMATION:
AUTHORS: Imberti, Luisa; Scattini,
AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
AUTHORS: Daniele
TITLE: Selective Depletion in HIV Infection
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
JOURNAL: Science
VOLUME: 254
ISSUE: 5033
PAGES: 860-862
PUBLICATION DATE: No. 5665355member 8, 1991
US-08-488-212A-51

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3.2e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1;

QY 4298 TTGGAAGGAAGTGGAG 4314
DB 18 TTGGAAGGAAGTGGAG 2

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-849-021-3

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAGAGAGAGAGA 1196
DB 1 AGAGAGAGAGAGAGA 17

RESULT 191
US-08-849-021-4
Sequence 4, Application US/08849021
Patent No. 5955276

GENERAL INFORMATION:
APPLICANT: MORGANTE, MICHELE
APPLICANT: VOGEL, JULIE M.
TITLE OF INVENTION: COMPOUND MICROSATELLITE
TITLE OF INVENTION: PRIMERS FOR THE
TITLE OF INVENTION: DETECTION OF GENETIC
TITLE OF INVENTION: POLYMORPHISMS
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. DU PONT DE NEMOURS AND
ADDRESSEE: COMPANY
STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: DELAWARE
COUNTRY: U.S.A.
ZIP: 19898

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1064-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-849-021-4

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAGAGAGAGAGAG 1197
DB 1 GAGAGAGAGAGAGAG 17

RESULT 192
US-08-849-021-5/c

Sequence 5, Application US/08849021
Patent No. 5955276
GENERAL INFORMATION:
APPLICANT: MORGANTE, MICHELE
APPLICANT: VOGEL, JULIE M.

TITLE OF INVENTION: COMPOUND MICROSATELLITE
TITLE OF INVENTION: PRIMERS FOR THE
TITLE OF INVENTION: DETECTION OF GENETIC
TITLE OF INVENTION: POLYMORPHISMS
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. DU PONT DE NEMOURS AND
ADDRESSEE: COMPANY
STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: DELAWARE
COUNTRY: U.S.A.
ZIP: 19898

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1064-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-849-021-5

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAGAGAGAGAGA 1196
DB 17 AGAGAGAGAGAGAGA 1

RESULT 193
US-08-849-021-6/c
Sequence 6, Application US/08849021
Patent No. 5955276

GENERAL INFORMATION:
APPLICANT: MORGANTE, MICHELE
APPLICANT: VOGEL, JULIE M.
TITLE OF INVENTION: COMPOUND MICROSATELLITE
TITLE OF INVENTION: PRIMERS FOR THE
TITLE OF INVENTION: DETECTION OF GENETIC
TITLE OF INVENTION: POLYMORPHISMS
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. DU PONT DE NEMOURS AND
ADDRESSEE: COMPANY
STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: DELAWARE

RESULT 192
US-08-849-021-5/c

```

; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/576,290
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/776,971
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 7/343371
; FILING DATE: 28-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 8/59419
; FILING DATE: 15-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 8/211805
; FILING DATE: 12-AUG-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 8/246573
; FILING DATE: 18-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Conlin, David G.
; REGISTRATION NUMBER: 27,026
; REFERENCE/DOCKET NUMBER: 47176
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-523-3400
; TELEFAX: 617-523-6440
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; US-09-576-290-79

Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3260  ACTGCGCTCTGCTGCTTAGTC 3281
Db      1      ACGTGCTCTGCTGCTGCTGC 22

RESULT 189
PCT-US92-06840-10/c
; Sequence 10, Application PC/TUS9206840
; GENERAL INFORMATION:
; APPLICANT: Shi, Yang
; APPLICANT: Seto, Edward
; APPLICANT: Shenk, Thomas
; TITLE OF INVENTION: Y11 TRANSCRIPTION FACTOR AND METHODS OF
; TITLE OF INVENTION: ISOLATING SAME
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oetzielenk, Faber, Gerb & Soffen
; STREET: 1180 Avenue of the Americas - 7th Floor
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-8403
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/06840
; FILING DATE: 19920814
; CLASSIFICATION:
```

```

; CLASSIFICATION: AU 1805
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/746,485
; FILING DATE: 16-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dennis, Manette
; REGISTRATION NUMBER: 30,623
; REFERENCE/DOCKET NUMBER: M-12594 CIP (1570-8)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 382-0700
; TELEFAX: (212) 382-0888
; TELEX: 236925
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US92-06840-10

Query Match          0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3026  CTCGCTGCTCTCTGAGACCT 3047
Db      22     CCGGCTTCAACTGAGACCT 1

RESULT 190
US-08-849-021-3
; Sequence 3, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHAEL
; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSAATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-992-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
```

TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 165:
SEQUENCE CHARACTERISTICS:
LENGTH: 22
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
ANTI-SENSE: NO
US-08-256-4268-165

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2755 GTGAAACGACATGGAGCTCT 2776
DB 1 GAAGAAATGACATGGTGTGT 22

RESULT 186
US-08-776-971-79
Sequence 79, Application US/08776971B
Patent No. 6228984
GENERAL INFORMATION:
APPLICANT: Hinuma, Shuji
Habata, Yugo
Kawamata, Yuji
Hosoya, Masaki
Fuji, Ryo
Fukusumi, Shoji
Kitada, Chieko
TITLE OF INVENTION: POLYPROTEINS, THEIR PRODUCTION AND USE
NUMBER OF SEQUENCES: 140
CORRESPONDENCE ADDRESS:
ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
STREET: 130 Water Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/776,971B
FILING DATE: 06-Feb-1997
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP96/03821
FILING DATE: 28-DEC-1996
APPLICATION NUMBER: JP 7/343371
FILING DATE: 28-DEC-1995
APPLICATION NUMBER: JP 8/59419
FILING DATE: 15-MAR-1996
APPLICATION NUMBER: JP 8/211805
FILING DATE: 12-AUG-1996
APPLICATION NUMBER: JP 8/246573
FILING DATE: 18-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Conlin, David G.
REGISTRATION NUMBER: 27,026
REFERENCE/DOCKET NUMBER: 47176
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-523-3400
TELEFAX: 617-523-6440
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-776-971-79

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3260 ACCTGACCTCTGTGCTTAAGTC 3281
DB 1 ACCTGACCTCTGTGCTTGTGC 22

RESULT 187
US-09-177-650-34/c
Sequence 34, Application US/09177650
Patent No. 6413719
GENERAL INFORMATION:
APPLICANT: Leppert, Mark F.
APPLICANT: Singh, Nanda
APPLICANT: Charlier, Carole
TITLE OF INVENTION: KCNQ2 AND KCNQ3 - POTASSIUM CHANNEL GENES WHICH ARE
TITLE OF INVENTION: MUTATED IN BENIGN FAMILIAL NEONATAL CONVULSIONS (BFNC)
FILE REFERENCE: 2323-134
CURRENT APPLICATION NUMBER: US/09/177,650
CURRENT FILING DATE: 1998-10-23
EARLIER APPLICATION NUMBER: 60/063,147
EARLIER FILING DATE: 1997-10-24
NUMBER OF SEQ ID NOS: 129
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 34
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
US-09-177-650-34

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3989 CTGACCTGAGCTGTGAAGC 4010
DB 22 CTGCCATGAGCTGTGAAGC 1

RESULT 188
US-09-576-290-79
Sequence 79, Application US/09576290
Patent No. 6794491
GENERAL INFORMATION:
APPLICANT: Hinuma, Shuji
APPLICANT: Habata, Yugo
APPLICANT: Kawamata, Yuji
APPLICANT: Hosoya, Masaki
APPLICANT: Fuji, Ryo
APPLICANT: Fukusumi, Shoji
APPLICANT: Kitada, Chieko
TITLE OF INVENTION: POLYPROTEINS, THEIR PRODUCTION AND USE
NUMBER OF SEQUENCES: 140
CORRESPONDENCE ADDRESS:
ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
STREET: 130 Water Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible

APPLICANT: Rivaniemi, Pertti
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 555898arts
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/977,284A
FILING DATE: 13-NOV-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-0697
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 165:
SEQUENCE CHARACTERISTICS:
LENGTH: 22
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
ANTI-SENSE: NO
US-07-977-284A-165

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best local Similarity 81.8%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2755 GTAGAAACAGACATGAGCTCT 2776
DB 1 GAAGAAATAGACATGCTGCTGT 22

RESULT 184
US-08-379-078-429
Sequence 429, Application US/08379078
Patent No. 5639612
GENERAL INFORMATION:
APPLICANT: Mitouhashi, Masato
APPLICANT: Cooper, Allan
TITLE OF INVENTION: Gene Detection System
NUMBER OF SEQUENCES: 726
CORRESPONDENCE ADDRESS:
ADDRESSEE: KNOBB, MARTENS, OLSON AND BEAR
STREET: 620 Newport Center Drive 16th floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/379,078
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/974,406
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 429:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULAR TYPE: cDNA to mRNA
HYPOTHEITICAL: NO
ANTI-SENSE: NO
US-08-379-078-429

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best local Similarity 81.8%; Pred. No. 3.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1308 CCTCTGTTCCACATGCGCTCG 1329
DB 1 CCTCTGTTCCACATGCGCTCG 22

RESULT 185
US-08-256-426B-165
Sequence 165, Application US/08256426B
Patent No. 5948611
GENERAL INFORMATION:
APPLICANT: Prockop, Darwin J.
APPLICANT: Ala-Kokko, Leena
APPLICANT: Williams, Charlene J.
APPLICANT: Rivaniemi, Pertti
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: Methods of Detecting A Genetic
NUMBER OF SEQUENCES: 293
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611arts
STREET: One Liberty Place - 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 3.1
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,426B
FILING DATE: 03-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Mark Deluca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1082

APPLICANT: Charlier, Carole
TITLE OF INVENTION: KCNO2 AND KCNO3 - POTASSIUM CHANNEL GENES WHICH ARE
TITLE OF INVENTION: MUTATED IN BENIGN FAMILIAL NEONATAL CONVULSIONS (BENC)
TITLE OF INVENTION: AND OTHER EPILEPSIES
FILE REFERENCE: 2323-134
CURRENT APPLICATION NUMBER: US/09/177,650
CURRENT FILING DATE: 1998-10-23
EARLIER APPLICATION NUMBER: 60/063,147
EARLIER FILING DATE: 1997-10-24
NUMBER OF SEQ ID NOS: 129
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 45
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-177-650-45

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2831 TTGAGCGGCGGCGACGACG 2849
DB 1 TTGACGCGGCGGCGACGACG 19

RESULT 180
US-09-529-812A-8/c
Sequence 8, Application US/09529812A
Patent No. 6682930
GENERAL INFORMATION:
APPLICANT: LU, CHANGDE
TITLE OF INVENTION: NEW TRIPLEX FORMING OLIGONUCLEOTIDES AND THEIR USE IN
FILE REFERENCE: 017227/0160
CURRENT APPLICATION NUMBER: US/09/529,812A
CURRENT FILING DATE: 2000-07-24
PRIOR APPLICATION NUMBER: PCT/CN98/00248
PRIOR FILING DATE: 1998-10-19
PRIOR APPLICATION NUMBER: CN 97106667.1
PRIOR FILING DATE: 1997-10-21
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 8
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Triplex
OTHER INFORMATION: forming oligonucleotide
OTHER INFORMATION: This oligo may or may not be 3'-monophosphorylated
US-09-529-812A-8

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 92 CTCCTCCACCCGACCTCT 110
DB 19 CTCCTCCACCCGACCTCT 1

RESULT 181
US-09-657-472-1211/c
Sequence 1211, Application US/09657472
Patent No. 6727063
GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolik, Stacey
APPLICANT: Daley, George O.
APPLICANT: McCarthy, Jeanette J.

TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1211
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-1211

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3987 GGCTGAGCCTGAGCTGTG 4005
DB 19 GGCTGAGCCTGAGCTGTG 1

RESULT 182
US-09-657-472-1721/c
Sequence 1721, Application US/09657472
Patent No. 6727063
GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolik, Stacey
APPLICANT: Daley, George O.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1721
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-1721

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2099 CCGACCTGCTGATGACG 2119
DB 21 CCGACCTGCTGATGATGTC 1

RESULT 183
US-07-977-284A-165
Sequence 165, Application US/07977284A
Patent No. 5558988
GENERAL INFORMATION:
APPLICANT: Prockop, Darwin J.
APPLICANT: Ala-Kokko, Leena
APPLICANT: Williams, Charlene J.

```

; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Muech
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 87:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-87
```

```

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

Qy      2641 CTGACGCTGCTGCTGACG 2659
Db      3 CTGCTGCTGCTGCTGCTGC 21
```

```

RESULT 177
; US-08-943-731-606/c
; Sequence 606, Application US/08943731
; Patent No. 6265157
; GENERAL INFORMATION:
; APPLICANT: PROCKOP, DARWIN J.
; APPLICANT: SPOTILA, LORETTA D.
; APPLICANT: DELTAS, CONSTANTINOS D.
; APPLICANT: SEREDA, LARISA
; APPLICANT: LARSON, ANDREA W.
; APPLICANT: PACK, MICHAEL
; APPLICANT: COLIGE, ALAIN
; APPLICANT: EARLY, JAMES
; APPLICANT: KORKKO, JARMO
; APPLICANT: ALA-KORKKO, LERNA, et al.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
; TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
; NUMBER OF SEQUENCES: 666
; CORRESPONDENCE ADDRESS:
; ADDRESSER: PANITCH SCHWARZE JACOBS & NADEL, P. C.
; STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
; STREET: FLR.
; CITY: PHILADELPHIA
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-7086
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,731
; FILING DATE: 03-OCT-1997
; CLASSIFICATION: 435
```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,322
; FILING DATE: 14-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/803,628
; FILING DATE: 03-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: DOYLE LEARY Ph.D., KATHRYN
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: 9598-27
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-965-1284
; TELEFAX: 215-567-2991
; TELEX: 831-494
; INFORMATION FOR SEQ ID NO: 606:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-943-731-606
```

```

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

Qy      515 GGACAGAGATGCTGCGG 533
Db      19 GGTACAGATGCTGAGG 1
```

```

RESULT 178
; US-09-109-663-8
; Sequence 8, Application US/09109663
; Patent No. 6277981
; GENERAL INFORMATION:
; APPLICANT: Tu, Guang-Chou
; APPLICANT: Israel, Yedy
; TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF
; TITLE OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 9855-301
; CURRENT APPLICATION NUMBER: US/09/109,663
; CURRENT FILING DATE: 1998-07-03
; EARLIER APPLICATION NUMBER: 60/051,705
; EARLIER FILING DATE: 1997-07-03
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: Candidate
; OTHER INFORMATION: TNF(alpha) ASO
; US-09-109-663-8
```

```

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

Qy      60 TGGGTTCTGAAGCCCAT 78
Db      3 TGAATTCGAAAGCCCAT 21
```

```

RESULT 179
; US-09-177-650-45
; Sequence 45, Application US/09177650
; Patent No. 6413719
; GENERAL INFORMATION:
; APPLICANT: Leppert, Mark F.
; APPLICANT: Singh, Nanda
```


APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 60:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-60

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTCGAGCTGCTGCTGCAGC 2659
Db 1 CTCGCTGCTGCTGCTGC 19

RESULT 174
US-08-863-639A-66/C
Sequence 66, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSER: Sheldon & Max
STREET: 225 South Lake Avenue, 9th Floor
City: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-66

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2641 CTCGAGCTGCTGCTGCAGC 2659
Db 19 CTCGCTGCTGCTGCTGC 1

RESULT 175
US-08-863-639A-69
Sequence 69, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSER: Sheldon & Max
STREET: 225 South Lake Avenue, 9th Floor
City: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 69:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-69

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTCGAGCTGCTGCTGCAGC 2659
Db 2 CTCGCTGCTGCTGCTGC 20

RESULT 176
US-08-863-639A-87
Sequence 87, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSER: Sheldon & Max
STREET: 225 South Lake Avenue, 9th Floor

; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-267-803B-66

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGC 2659
DB 2 CTGCTGCTGCTGCTGCTGC 20

RESULT 171
US-08-863-639A-28/c
; Sequence 28, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Muech
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-08-863-639A-28

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGC 2659
DB 21 CTGCTGCTGCTGCTGCTGC 3

RESULT 172
US-08-863-639A-40/c
; Sequence 40, Application US/08863639A

; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Muech
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-08-863-639A-40

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGC 2659
DB 20 CTGCTGCTGCTGCTGCTGC 2

RESULT 173
US-08-863-639A-60
; Sequence 60, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-042A-38

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGACGCTGCTGCTGACG 2659
DB 2 CTGACGCTGCTGCTGCGC 20

RESULT 167
US-09-167-109-62/c
Sequence 62, Application US/09167109
Patent No. 6399297
GENERAL INFORMATION:
APPLICANT: Baker, Brenda F.
APPLICANT: Cowsett, Lex M.
APPLICANT: Monia, Brett P.
APPLICANT: Xu, Xiaoxing S.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
FILE REFERENCE: ISPH-0321
CURRENT APPLICATION NUMBER: US/09/167,109
CURRENT FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 62
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense sequence
US-09-167-109-62

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1811 GGAGCCAGCCAGCCGCGC 1829
DB 19 GCAGCCAGCCAGCCGCGC 1

RESULT 168
US-09-640-101-65
Sequence 65, Application US/09640101
Patent No. 6448079
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
ACTIVATED PROTEIN KINASE EXPRESSION
FILE REFERENCE: ISPH-0488
CURRENT APPLICATION NUMBER: US/09/640,101
CURRENT FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 65
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-640-101-65

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2639 CCCTGACGCTGCTGCTGCA 2657
DB 1 CCCTGACGCTGCTGCGCA 19

RESULT 169
US-09-975-123-23/c
Sequence 23, Application US/09975123
Patent No. 6750019
GENERAL INFORMATION:
APPLICANT: Susan M. Freiler
TITLE OF INVENTION: ANTISENSE MODULATION OF INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN
FILE REFERENCE: RTS-0253
CURRENT APPLICATION NUMBER: US/09/975,123
CURRENT FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 43
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-975-123-23

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1634 AGCTGCGCCAGTCCAGGT 1652
DB 19 AGCTGACCGAGTCCAGGT 1

RESULT 170
US-08-267-803B-66
Sequence 66, Application US/08267803B
Patent No. 5834183
GENERAL INFORMATION:
APPLICANT: Orr, Harry T.
APPLICANT: Rannu, Laura P.W.
APPLICANT: Chung, Ming-Yi
APPLICANT: Zoghbi, Huda Y.
TITLE OF INVENTION: Gene Sequence for SpinoCerebellar Ataxia
Patent No. 5834183
TITLE OF INVENTION: Type 1 and Method for Diagnosis
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSER: Muelting, Raasch, Gebhardt & Schwappach, P.A.
STREET: P.O. Box 561415
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55458-1415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/267,803B
FILING DATE: 28-JUN-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: McCormack, Myra H.
REGISTRATION NUMBER: 36,602
REFERENCE/DOCKET NUMBER: 110,00030120
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1217
TELEFAX: 612-305-1228

```
APPLICATION NUMBER: US 08/782,482
FILING DATE: 10-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 24884-121392-01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4848
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer."
```

```
US-08-874-186-48
Query Match
Best Local Similarity 0.3%; Score 15.8; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 2566 GGGGAGGAGAGATGCGA 2584
DB 2 GGGGAGGAGAGAGAGAGAGA 20
```

```
RESULT 163
US-08-947-965-44
Sequence 44, Application US/08947965A
Patent No. 6004790
GENERAL INFORMATION:
APPLICANT: Dijkhuizen, Lubbert
APPLICANT: Dijkstra, Bauke
APPLICANT: Andersen, Carsten
APPLICANT: Osten, Claus von der
TITLE OF INVENTION: Cyclomaltodextrin Glucanotransferase
FILE REFERENCE: 4285,204-US
CURRENT APPLICATION NUMBER: US/08/947,965A
CURRENT FILING DATE: 1997-10-09
EARLIER APPLICATION NUMBER: 0477/95
EARLIER FILING DATE: 1995-04-21
EARLIER APPLICATION NUMBER: 1173/95
EARLIER FILING DATE: 1995-10-17
EARLIER APPLICATION NUMBER: 1281/95
EARLIER FILING DATE: 1995-11-16
EARLIER APPLICATION NUMBER: PCT/DK96/00179
EARLIER FILING DATE: 1996-04-22
NUMBER OF SEQ ID NOS: 78
SOFTWARE: PasteSeq for Windows Version 3.0
SEQ ID NO 44
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: nucleotide
US-08-947-965-44
```

```
Query Match
Best Local Similarity 0.3%; Score 15.8; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1819 CCACAGCCGGCGGATGCAC 1837
DB 2 CCACGCGCGGCGGAGGAC 20
```

```
RESULT 164
US-09-286-904-65
Sequence 65, Application US/09286904A
Patent No. 6140124
```

```
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
ACTIVATED PROTEIN KINASE EXPRESSION
FILE REFERENCE: ISPH-0347
CURRENT APPLICATION NUMBER: US/09/286,904A
CURRENT FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 95
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 65
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-286-904-65
```

```
Query Match
Best Local Similarity 0.3%; Score 15.8; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 2639 CCTGCACTGCTGCTGCA 2657
DB 1 CCTGCACTGCTGCTGCA 19
```

```
RESULT 165
US-09-429-323-62
Sequence 62, Application US/09429323A
Patent No. 6140126
Patent No. 6140126 6140123
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF Y-BOX BINDING PROTEIN 1 EXPRESSION
FILE REFERENCE: RTS-0092
CURRENT APPLICATION NUMBER: US/09/429,323A
CURRENT FILING DATE: 1999-10-26
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 62
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-323-62
```

```
Query Match
Best Local Similarity 0.3%; Score 15.8; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 976 TGTGCTGACTCCTTACC 994
DB 2 TGTGCTGACTGCTTACC 20
```

```
RESULT 166
US-09-657-042A-38
Sequence 38, Application US/09657042A
Patent No. 6329203
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION
FILE REFERENCE: RTS-0148
CURRENT APPLICATION NUMBER: US/09/657,042A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 38
LENGTH: 20
```



```

; PRIOR PILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 83
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-83

Query Match      0.3%; Score 16; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      563 AGTCTGTAAGAGAGAG 580
      |||||:|||||
Db      19 AGTCTTGAGAGAGAGG 2

RESULT 159
PCT-US91-03680-37/c
; Sequence 37, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Muraishige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1..4
; OTHER INFORMATION: /mod_base= OTHER
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 7
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 9
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
```

```

; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 11
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 15
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 17
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 21
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
PCT-US91-03680-37

Query Match      0.3%; Score 16; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1184 AAAGAGAGAGAGAA 1199
      |||||:|||||
Db      20 AAAGAGAGAGAGAA 5

RESULT 160
PCT-US91-03680-38/c
; Sequence 38, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Muraishige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
```

```

US-08-435-634-11/c
; Sequence 11, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Filth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-435-634-11
;
Query Match 0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred.No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
OY 104 CACCTCTTCTAGCGCTTGACG 124
| | | | | | | | | | | | | | |
Db 21 CACCTCTTCCAGACTTTCAG 1
;
RESULT 156
US-09-660-925B-5
; Sequence 5, Application US/09660925B
; Patent No. 6352858
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowbert
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF BTK EXPRESSION
; FILE REFERENCE: R15-0177

```

```

; CURRENT APPLICATION NUMBER: US/09/660,925B
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ. ID NOS: 48
; SEQ ID NO 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-660-925B-5

Query Match      0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      162 GCGAAGAAATCTGAGGACACA 182
      |||||
Db      2 GCGAAGAAATTTGAAGACACACA 22

RESULT 157
US-08-948-113D-31/c
; Sequence 31, Application US/08948113D
; Patent No. 6482937
; GENERAL INFORMATION:
; APPLICANT: Baetscher, Manfred W.
; APPLICANT: Akiyoshi, Donna B.
; TITLE OF INVENTION: Pluripotent Porcine Cells, Genetically Modified Porcine
; TITLE OF INVENTION: Cells and Pigs for Use in Said Method, Transgenic Pigs
; FILE REFERENCE: 61750-309
; CURRENT APPLICATION NUMBER: US/08/948,113D
; CURRENT FILING DATE: 1997-10-09
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer for use
US-08-948-113D-31

Query Match      0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 2.8e+02;
Matches 18; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

OY      3257 AGGACCTGGCTCTGTGCTTAGT 3279
      |||:|||||
Db      23 AGGCTGGTGTCTGTCTAGT 1

RESULT 158
US-09-657-472-83/c
; Sequence 83, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724

```

```

? FILING DATE: 1998-09-18
? APPLICATION NUMBER: 08/933,149
? FILING DATE: 1997-09-18
? ATTORNEY/AGENT INFORMATION:
?   NAME: KASTEN, DANIEL S.
?   REGISTRATION NUMBER: 45,363
?   REFERENCE/DOCKET NUMBER: 6029-3654
? TELECOMMUNICATION INFORMATION:
?   TELEPHONE: (314) 727-5188
?   TELEFAX: (314) 727-6092
? INFORMATION FOR SEQ ID NO: 13:
?   SEQUENCE CHARACTERISTICS:
?     LENGTH: 21 base pairs
?     TYPE: nucleic acid
?     STRANDEDNESS: single
?     TOPOLOGY: linear
?     MOLECULE TYPE: cDNA to mRNA
?     HYPOTHEICAL: NO
?     ANTI-SENSE: NO
?     SEQUENCE DESCRIPTION: SEQ ID NO: 13:
? US-09-509-015-13

Query Match          0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAATACAAAAGAAA 5413
Db      21 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 153
PCT-US96-08235-13/c
? Sequence 13, Application PC/TUS9608235
? GENERAL INFORMATION:
?   APPLICANT: WATSON, MARK A.
?   APPLICANT: FLEMING, TIMOTHY P.
?   TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
?   TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
?   NUMBER OF SEQUENCES: 14
?   CORRESPONDENCE ADDRESS:
?     ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
?     STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
?     CITY: ST. LOUIS
?     STATE: MISSOURI
?     COUNTRY: USA
?     ZIP: 63105-1817
?   COMPUTER READABLE FORM:
?     MEDIUM TYPE: floppy disk
?     COMPUTER: IBM PC compatible
?     OPERATING SYSTEM: PC-DOS/MS-DOS
?     SOFTWARE: Patent In Release #1.0, Version #1.25
?   CURRENT APPLICATION DATA:
?     APPLICATION NUMBER: PCT/US96/08235
?     FILING DATE:
?   CLASSIFICATION:
?     ATTORNEY/AGENT INFORMATION:
?       NAME: HOLLAND, DONALD R.
?     REGISTRATION NUMBER: 35,197
?     REFERENCE/DOCKET NUMBER: 964796
?     TELECOMMUNICATION INFORMATION:
?       TELEPHONE: (314) 727-6092
?       TELEFAX: (314) 727-5188
?     INFORMATION FOR SEQ ID NO: 13:
?       SEQUENCE CHARACTERISTICS:
?         LENGTH: 21 base pairs
?         TYPE: nucleic acid
?         STRANDEDNESS: single
?         TOPOLOGY: linear
?         MOLECULE TYPE: cDNA to mRNA
?         HYPOTHEICAL: NO
?         ANTI-SENSE: NO
?       PCT-US96-08235-13
```

```

Query Match          0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAATACAAAAGAAA 5413
Db      21 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 154
US-08-390-850-11/c
? Sequence 11, Application US/08390850
? Patent No. 561215
? GENERAL INFORMATION:
?   APPLICANT: Draper, Kenneth G.
?   APPLICANT: Pavco, Pamela
?   APPLICANT: McSwiggen, James
?   APPLICANT: Gustafson, John T.
?   APPLICANT: Stinchcomb, Dan T.
?   TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
?   TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
?   NUMBER OF SEQUENCES: 1151
?   CORRESPONDENCE ADDRESS:
?     ADDRESSEE: Lyon & Lyon
?     STREET: 633 West Fifth Street
?     STREET: Suite 4700
?     CITY: Los Angeles
?     STATE: California
?     COUNTRY: U.S.A.
?     ZIP: 90071
?   COMPUTER READABLE FORM:
?     MEDIUM TYPE: 3.5" Diskette, 1.44 MB
?     MEDIUM TYPE: storage
?     OPERATING SYSTEM: IBM compatible
?     SOFTWARE: FASTSEQ Version 1.5
?   CURRENT APPLICATION DATA:
?     APPLICATION NUMBER: US/08/390,850
?     FILING DATE: February 17, 1995
?     PRIOR APPLICATION DATA:
?       APPLICATION NUMBER: 08/354,920
?       FILING DATE: December 13, 1994
?       APPLICATION NUMBER: 08/152,487
?       FILING DATE: No. 5612215ember 12, 1993
?       APPLICATION NUMBER: 07/989,848
?       FILING DATE: December 7, 1992
?     ATTORNEY/AGENT INFORMATION:
?       NAME: Warburg, Richard
?     REGISTRATION NUMBER: 32,327
?     REFERENCE/DOCKET NUMBER: 211/084
?     TELECOMMUNICATION INFORMATION:
?       TELEPHONE: (213) 489-1600
?       TELEFAX: (213) 955-0440
?       TELEX: 67-3510
?     INFORMATION FOR SEQ ID NO: 11:
?       SEQUENCE CHARACTERISTICS:
?         LENGTH: 22 base pairs
?         TYPE: nucleic acid
?         STRANDEDNESS: single
?         TOPOLOGY: linear
?       US-08-390-850-11

Query Match          0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      104 CACCTCTTCACGCTTCAG 124
Db      21 CACCTCTTCACGCTTCAG 1

RESULT 155
```


Db 1 AAAAAAAAAAAAAAAAAAAU 21

RESULT 145

US-08-726-278-2

; Sequence 2, Application US/08726278

; Patent No. 6238624

; GENERAL INFORMATION:

; APPLICANT: Heller, Michael J.

; APPLICANT: Tu, Eugene

; APPLICANT: Evans, Glen A.

; APPLICANT: Sosnowski, Ronald G.

; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR

; FILE REFERENCE: DAVID B. MURPHY/NANOSEN: 222-210

; CURRENT APPLICATION NUMBER: US/08/726,278

; PRIOR FILING DATE: 1996-10-04

; PRIOR APPLICATION NUMBER: 08/271,882

; NUMBER OF SEQ ID NOS: 44

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 2

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Sequences for

; US-08-726-278-2

Query Match

Best Local Similarity 0.3%; Score 16.2; DB 1; Length 21;

Matches 1; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAAAATACAAAAAGAAAAAT 5416

Db 1 AAAAAAAAAAAAAAAAAAAU 21

RESULT 146

US-09-328-174A-108/c

; Sequence 108, Application US/09328174A

; Patent No. 6448003

; GENERAL INFORMATION:

; APPLICANT: Guida, Marco

; APPLICANT: Kurth, Janice

; TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase

; FILE REFERENCE: 4389-6 (formerly SEQ-16P)

; CURRENT APPLICATION NUMBER: US/09/328,174A

; PRIOR FILING DATE: 1999-06-08

; PRIOR APPLICATION NUMBER: 09/328,174

; NUMBER OF SEQ ID NOS: 110

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 108

; LENGTH: 21

; TYPE: DNA

; ORGANISM: H. sapiens

; US-09-328-174A-108

Query Match

Best Local Similarity 0.3%; Score 16.2; DB 1; Length 21;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1195 GAGAAATCAGAGAAAGCAGG 1215

Db 21 GAGAAAGCTGAGATGAGCAGG 1

RESULT 147

US-09-475-947A-119/c

; Sequence 119, Application US/09475947A

; Patent No. 6472154

; GENERAL INFORMATION:

; APPLICANT: Garner, Harold R.

; APPLICANT: Wren, Jonathan D.

; APPLICANT: Minna, John D.

; TITLE OF INVENTION: Polymorphic Repeats in Human Genes

; FILE REFERENCE: UTS0667

; CURRENT APPLICATION NUMBER: US/09/475,947A

; CURRENT FILING DATE: 1999-12-31

; NUMBER OF SEQ ID NOS: 346

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 119

; LENGTH: 21

; TYPE: DNA

; ORGANISM: human

; US-09-475-947A-119

Query Match 0.3%; Score 16.2; DB 1; Length 21;

Best Local Similarity 85.7%; Pred. No. 2.6e+02;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAA 5413

Db 21 AAAAAAAAAATRAAAAAAAAAA 1

RESULT 148

US-09-428-929-9

; Sequence 9, Application US/09428929

; Patent No. 6514939

; GENERAL INFORMATION:

; APPLICANT: Shinkets, Richard A.

; TITLE OF INVENTION: ATRIAL NATRIURETIC FACTOR MUTANTS

; TITLE OF INVENTION: AND ISCHEMIC STROKE

; NUMBER OF SEQUENCES: 19

; CORRESPONDENCE ADDRESS:

; ADDRESSER: Pennie & Edmonds LLP

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: NY

; COUNTRY: USA

; ZIP: 10036/2711

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSeq Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/428,929

; FILING DATE:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/916,043

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Mistrock, S. Leslie

; REGISTRATION NUMBER: 18,872

; REFERENCE/DOCKET NUMBER: 7934-048

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 212-790-9090

; TELEFAX: 212-869-8864

; TELEX: 66141 PENNIR

; INFORMATION FOR SEQ ID NO: 9:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

; US-09-428-929-9

Query Match

Best Local Similarity 0.3%; Score 16.2; DB 1; Length 21;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/082,253
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/455,896
; FILING DATE: 05/31/1995
; ATTORNEY/AGENT INFORMATION:
; NAME: HOLLAND, DONALD R.
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 952726
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (314) 727-5188
; TELEFAX: (314) 727-6092
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: cDNA to mRNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-09-082-253-13

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAGAAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 143
US-08-916-043-9
; Sequence 9, Application US/08916043
; Patent No. 6013630
; GENERAL INFORMATION:
; APPLICANT: Shinkets, Richard A.
; TITLE OF INVENTION: ATRIAL NATHURPTIC FACTOR MUTANTS
; TITLE OF INVENTION: AND ISCHEMIC STROKE
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036/2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/916,043
; FILING DATE: 21-AUG-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 7934-048
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-790-9090
; TELEFAX: 212-863-8864
; TELEX: 66141 PENNIT
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
```

```

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: DNA
; US-08-916-043-9

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5146 GGAACCATTTGCTGCGCTG 5166
Db 1 GGATCCATTGTCTCGGCTG 21

RESULT 144
US-08-271-882B-2
; Sequence 2, Application US/08271882B
; Patent No. 6017696
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; APPLICANT: Eugene Tu
; APPLICANT: Glen A. Evans
; TITLE OF INVENTION: SELF-ADDRESSABLE
; TITLE OF INVENTION: SELF-ASSEMBLING
; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
; TITLE OF INVENTION: DEVICES FOR
; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS
; TITLE OF INVENTION: AND DIAGNOSTICS
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/271,882B
; FILING DATE: July 7, 1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/146,504
; FILING DATE: No. 6017696member 1, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, David B.
; REGISTRATION NUMBER: 31,125
; REFERENCE/DOCKET NUMBER: 207/263
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-271-882B-2

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.6e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAAAACAAAAAGAAAAAT 5416
||||| ||||||| |||||||
```

REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-639A-10

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5413
|||||
DB 1 AAAAAAAAAAAAAAAAAAAAAA 21

RESULT 140
US-08-639A-13/c
Sequence 13, Application US/0863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph B. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-639A-13

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5413
|||||
DB 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 141
US-08-416-214A-12/c
Sequence 12, Application US/08416214A
Patent No. 5985596
GENERAL INFORMATION:
APPLICANT: Bergan, Raymond, Neckers, Len
TITLE OF INVENTION: Inhibition Of Protein
TITLE OF INVENTION: Kinase Activity By Aptameric Action Of
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & PINNEGAN
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/416, 214A
FILING DATE: 04-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Kathryn M.
REGISTRATION NUMBER: 34,556
REFERENCE/DOCKET NUMBER: 2026-4166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
TELEX: 421792

INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: Nucleic acid
STRANDEDNESS: Single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
HYPOTHETICAL: Yes
ANTI-SENSE: No
US-08-416-214A-12

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5413
|||||
DB 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 142
US-09-082-253-13/c
Sequence 13, Application US/09082253
Patent No. 6004756
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTHY P.
TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
ZIP: 63105-1817

COMPUTER READABLE FORM:

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAA 5413

Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 137
US-08-725-976-2

Sequence 2, Application US/08725976
Patent No. 5929208

GENERAL INFORMATION:

APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS

NUMBER OF SEQUENCES: 31

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street

CITY: Los Angeles
STATE: California

COUNTRY: USA

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM compatible

OPERATING SYSTEM: WINDOWS (VERSION 3.0)

SOFTWARE: Wordperfect (Version 6.0)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/725,976

FILING DATE: October 4, 1996

CLASSIFICATION: 422

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/146,504

FILING DATE: No. 5929208ember 1, 1993

ATTORNEY/AGENT INFORMATION:

NAME: Murphy, David B.

REGISTRATION NUMBER: 31,125

REFERENCE/DOCKET NUMBER: 222/211

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEFAX: 67-3510

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 21

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-725-976-2

Query Match 0.3%; Score 16.2; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 2.6e+02;

Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAAAATCAAAAAAGAAAAT 5416

Db 1 AAAAAAAAAAAAAAAAAAAAAA 21

RESULT 138

US-09-082-343-13/C

Sequence 13, Application US/09082343

Patent No. 5968754

GENERAL INFORMATION:

APPLICANT: WATSON, MARK A.

APPLICANT: FLEMING, TIMOTHY P.

TITLE OF INVENTION: DNA SEQUENCE AND ENCODED

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: ROGERS, HOWELL & HAFERKAMP

STREET: 7733 FORSYTH BOULEVARD, SUITE 1400

CITY: ST. LOUIS

STATE: MISSOURI

COUNTRY: USA

ZIP: 63105-1817

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/082,343

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/455,896

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: HOLLAND, DONALD R.

REGISTRATION NUMBER: 35,197

REFERENCE/DOCKET NUMBER: 952726

TELECOMMUNICATION INFORMATION:

TELEPHONE: (314) 727-5188

TELEFAX: (314) 727-6092

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA to mRNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-09-082-343-13

Query Match 0.3%; Score 16.2; DB 1; Length 21;

Best Local Similarity 85.7%; Pred. No. 2.6e+02;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAA 5413

Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 139

US-08-863-639A-10

Sequence 10, Application US/08863639A

Patent No. 5981185

GENERAL INFORMATION:

APPLICANT: Matson, Robert S.

APPLICANT: Coaslin, Peter J.

APPLICANT: Rampal, Jang B.

TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS

NUMBER OF SEQUENCES: 95

CORRESPONDENCE ADDRESS:

ADDRESSEE: Sheldon & Mak

STREET: 225 South Lake Avenue, 9th Floor

CITY: Pasadena

STATE: CA

COUNTRY: USA

ZIP: 91101

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: Corel Wordperfect 8 version

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/863,639A

FILING DATE: May 28, 1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Joseph E. Mueh

APPLICATION NUMBER: US/08/373,284A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9215498.8
FILING DATE: 21-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 92244386.4
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9226165.0
FILING DATE: 16-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/GB93/01520
FILING DATE: 20-JUL-1993
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon & Vanderhye P.C.
STREET: 1100 No. 5830646th Glebe Road, 8th Floor
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22201-4714
ATTORNEY/AGENT INFORMATION:
NAME: Leonard C. Mitchell
REGISTRATION NUMBER: 23009
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)-816-4000
TELEFAX: (703)-816-4100
TELEX: 200797 NIXN UR
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-373-284A-10

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3255 CAGAGCTGCGCTGTGCT 3275
DB 21 CAGAGCTGCTGCTGCTGCT 1

RESULT 135
US-08-743-200-18
Sequence 18; Application US/08743200
Patent No. 5861260
GENERAL INFORMATION:
APPLICANT: Doxey, Stephen J.
TITLE OF INVENTION: DIAGNOSTIC METHODS FOR SCREENING
TITLE OF INVENTION: PATIENTS FOR SCLERODERMA
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/743,200
FILING DATE: 05-NOV-1996
PRIOR APPLICATION DATA:

APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Faase, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 07917/025001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5070
TELEFAX: 617-542-8906
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide primer
US-08-743-200-18

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2838 CAGGACAGACATCAACATG 2858
DB 1 CAGGACATCAAGATCAAGATG 21

RESULT 136
US-08-933-149-13/C
Sequence 13; Application US/08933149
Patent No. 5922836
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTHY P.
TITLE OF INVENTION: MAMMARY SPECIFIC BREAST CANCER PROTEIN
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAVERRAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/933,149
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: HENDERSON, MELODIE W.
REGISTRATION NUMBER: 37,848
REFERENCE/DOCKET NUMBER: 6029-6040
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHEICAL: NO
ANTI-SENSE: NO
US-08-933-149-13

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;

```

; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2069
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-2069

Query Match      0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.4e+02;
Matches 17; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      79 CCCTGCTGCGGCTCTCC 98
DB      20 CCCTGCTGCGGATGCTCC 1

RESULT 132
US-08-146-504-2
; Sequence 2, Application US/08146504
; Patent No. 5605662
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.; and Tu, Eugene
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR
; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS AND
; TITLE OF INVENTION: DIAGNOSTICS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/146,504
; FILING DATE: No. 5605662member 1, 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 203/218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TRLEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-146-504-2

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.6e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      5396 AAAAAACAAAAAGAAAAAT 5416
DB      1 AAAAAAAAAAAAAAAAAAAAAU 21

RESULT 133
US-08-455-896-13/c
; Sequence 13, Application US/08455896
; Patent No. 5668267
; GENERAL INFORMATION:
; APPLICANT: WATSON, MARK A.
; APPLICANT: FLEMING, TIMOTHY P.
; TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
; TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
; STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
; CITY: ST. LOUIS
; STATE: MISSOURI
; COUNTRY: USA
; ZIP: 63105-1817
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,896
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: HOLLAND, DONALD R.
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 952726
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (314) 727-5188
; TELEFAX: (314) 727-6092
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
US-08-455-896-13

Query Match      0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATCAAAAAAGAAAA 5413
DB      21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 134
US-08-373-284A-10/c
; Sequence 10, Application US/08373284A
; Patent No. 5830646
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: DIAGNOSTIC METHOD
; NUMBER OF SEQUENCES: 13
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS-DOS 7
; SOFTWARE: Wordpad for Windows 95
; CURRENT APPLICATION DATA:
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SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-940-242A-75

Query Match 0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 2.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 801 TCCCTCATTCCTCAG 818
DB 20 TCCCTCATTCCTCAG 3

RESULT 128
US-09-659-791A-65/C
Sequence 65, Application US/09659791A
Patent No. 6383808
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
FILE REFERENCE: RRS-0156
CURRENT APPLICATION NUMBER: US/09/659,791A
CURRENT FILING DATE: 2000-09-11
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 65
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-65

Query Match 0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 2.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2082 CTGGGATGCTGGCTGAC 2099
DB 20 CTGGGATGCTGGCTGAC 3

RESULT 129
US-09-198-452A-4847
Sequence 4847, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and use thereof, in particular for the diagnosis, prevention
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4847
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4847

Query Match 0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 2.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1620 CTCAGCTGAGAGAGCT 1637
DB 2 CTCAGCTGAGAGAGCT 19

RESULT 130
US-09-081-385-40/C
Sequence 40, Application US/09081385
Patent No. 6593456
GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
TITLE OF INVENTION: of Use Thereof
NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSER: MORRISON & ROESTER
STREET: 755 PEARL HARBOR ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FASTSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/081,385
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wu, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22000-20577.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-081-385-40

Query Match 0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 2.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1181 GAGAGAGAGAGAGAGA 1198
DB 20 GAGAGAGAGAGAGAGA 3

RESULT 131
US-09-657-472-2069/C
Sequence 2069, Application US/09657472
Patent No. 6727063
GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Carilli, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolik, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357


```
RESULT 124
US-08-700-530-3
; Sequence 3, Application US/08700530
; Patent No. 6316186
; GENERAL INFORMATION:
; APPLICANT: EKINS, Roger P
; TITLE OF INVENTION: Binding assay using binding agents with tail groups
; FILE REFERENCE: 0380-P01180US0
; CURRENT APPLICATION NUMBER: US/08/700,530
; PRIOR FILING DATE: 1996-10-23
; PRIOR APPLICATION NUMBER: PCT/GB95/00521
; PRIOR FILING DATE: 1995-03-10
; PRIOR APPLICATION NUMBER: GB 9404709.9
; PRIOR FILING DATE: 1994-03-11
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-08-700-530-3

Query Match
Best Local Similarity 94.4%; Score 16.4; DB 1; Length 18;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAGAGAGAGAGAGA 1198
DB 1 GAGAGAGAGAGAGAGA 18

RESULT 125
US-08-700-530-4/C
; Sequence 4, Application US/08700530
; Patent No. 6316186
; GENERAL INFORMATION:
; APPLICANT: EKINS, Roger P
; TITLE OF INVENTION: Binding assay using binding agents with tail groups
; FILE REFERENCE: 0380-P01180US0
; CURRENT APPLICATION NUMBER: US/08/700,530
; PRIOR FILING DATE: 1996-10-23
; PRIOR APPLICATION NUMBER: PCT/GB95/00521
; PRIOR FILING DATE: 1995-03-10
; PRIOR APPLICATION NUMBER: GB 9404709.9
; PRIOR FILING DATE: 1994-03-11
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-08-700-530-4

Query Match
Best Local Similarity 94.4%; Score 16.4; DB 1; Length 18;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAGAGAGAGAG 1197
DB 18 AGAGAGAGAGAGAGAG 1

RESULT 126
US-09-544-398B-253/C
; Sequence 253, Application US/09544398B
; Patent No. 6770461
```

```
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Becker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398B
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: PatSeq for Windows Version 4.0
; SEQ ID NO 253
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-544-398B-253

Query Match
Best Local Similarity 94.4%; Score 16.4; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3924 GTTCTGGGTGAGATCAA 3941
DB 19 GTTCTGGGTGAGATCAA 2

RESULT 127
US-07-940-242A-75/C
; Sequence 75, Application US/07940242A
; Patent No. 5427909
; GENERAL INFORMATION:
; APPLICANT: OKAMOTO, Hiroaki
; APPLICANT: NAKAMURA, Tetsuo
; TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Beveridge, Degrandi, Wellacher & Young
; STREET: 1850 M Street, N.W. (Suite 800)
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/940,242A
; FILING DATE: 08-SEP-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 307296/91
; FILING DATE: 09-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 093960/92
; FILING DATE: 28-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Wellacher, Robert G.
; REGISTRATION NUMBER: 20,531
; REFERENCE/DOCKET NUMBER: 06/87-48095
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 659-2811
; TELEFAX: (202) 659-1462
; TELEX: WUI 64470
; INFORMATION FOR SEQ ID NO: 75;
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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-195-991-44

Query Match      0.3%; Score 16.8; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 2.2e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1179 CAGAGAAAGAGAGAGAGAAAT 1201
Db      1 CAGAGAGAGAGAGAGAGANNNAATT 23

RESULT 122
PCT-US91-03680-39/c
; Sequence 39, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 2..4
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 7
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 9
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 11
; OTHER INFORMATION: /mod_base= OTHER
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; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 15
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 17
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 21
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
PCT-US91-03680-39

Query Match      0.3%; Score 16.6; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 2.2e+02;
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1183 GAAAGAGAGAGAGAGAA 1199
Db      21 KAAAGAGAGAGAGAGAA 5

RESULT 123
US-08-885-126-12/c
; Sequence 12, Application US/08885126A
; Patent No. 5955597
; GENERAL INFORMATION:
; APPLICANT: Arnold, Lyle J.
; APPLICANT: Riley, Timothy A.
; APPLICANT: Reynolds, Mark A.
; APPLICANT: Schwartz, David A.
; TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
; TITLE OF INVENTION: OLIGOMERS
; FILE REFERENCE: GENTA.020FW2
; CURRENT APPLICATION NUMBER: US/08/885,126A
; CURRENT FILING DATE: 1997-06-30
; EARLIER APPLICATION NUMBER: 08/343,018
; EARLIER FILING DATE: 1994-11-21
; EARLIER APPLICATION NUMBER: 08/154,013
; EARLIER FILING DATE: 1993-11-16
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-12

Query Match      0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAG 1197
Db      18 AGAGAGAGAGAGAGAG 1
```

US-08-932-978-4/c
; Sequence 4, Application US/08932978
; Patent No. 5885804
; GENERAL INFORMATION:
; APPLICANT: Zalacain, Magdalena
; APPLICANT: Brown, James R.
; TITLE OF INVENTION: NOVEL PHOS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Dechert Price & Rhoads
; STREET: 4000 Bell Atlantic Tower, 1717 Arch Stre
; CITY: Philadelphia
; STATE: PA
; COUNTRY: US
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/932,978
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Dickinson, Todd Q
; REGISTRATION NUMBER: 28,354
; REFERENCE/DOCKET NUMBER: GM0100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-994-2252
; TELEFAX: 215-994-2222
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-932-978-4

Query Match 0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4932 GAACCTTGATGATGCTTGG 4951
Db 21 GACCTTGATGATGCTTGG 2

RESULT 120
US-08-585-888-44
; Sequence 44, Application US/08585888
; Patent No. 5874215
; GENERAL INFORMATION:
; APPLICANT: KUIPER, Martin T.R.
; APPLICANT: ZABEAU, Marc
; APPLICANT: VOS, Pieter
; TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSER: BURNS, DOANE, SWECKER & MATHIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,888
; FILING DATE: 16-JAN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 9540080.8
; FILING DATE: 16-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 010830-097
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-585-888-44

Query Match 0.3%; Score 16.8; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 2.2e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1179 CAGAGAAAGAGAGAGAAAT 1201
Db 1 CAGAGAGAGAGAGAGANNNAATT 23

RESULT 121
US-09-195-991-44
; Sequence 44, Application US/09195991
; Patent No. 6218119
; GENERAL INFORMATION:
; APPLICANT: KUIPER, Martin T.R.
; APPLICANT: ZABEAU, Marc
; APPLICANT: VOS, Pieter
; TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSER: BURNS, DOANE, SWECKER & MATHIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/195,991
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,888
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: McGowan, Malcolm K.
; REGISTRATION NUMBER: 39,300
; REFERENCE/DOCKET NUMBER: 010830-097
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid

; Sequence 158, Application US/09980052
; Patent No. 6670130
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: EP05020/ECT
; CURRENT APPLICATION NUMBER: US/09/980,052
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: Koparentin 1.71
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium smegmatis
US-09-980-052-158

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 193 CGTTGCCACACCCCATCTC 212
DB 20 CGTTCCACACCGCATCTC 1

RESULT 117
US-08-066-325-29
; Sequence 29, Application US/08066325
; Patent No. 5667967
; GENERAL INFORMATION:
; APPLICANT: Steinman, Lawrence
; APPLICANT: Oksenberg, Jorge
; APPLICANT: Bernard, Claude
; TITLE OF INVENTION: T-CELL RECEPTOR VARIABLE TRANSCRIPTS AS DISEASE RELATED MARKS
; NUMBER OF SEQUENCES: 157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SRED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/066,325
; FILING DATE: 21-May-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5667967tenburg Ph.D., Carol
; REGISTRATION NUMBER: 39,317
; REFERENCE/DOCKET NUMBER: 690068.408C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900

; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-066-325-29

Query Match 0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 TGAAGTCTGTAAGAGAG 579
DB 2 TGAAGCTCTGTAGAGAG 21

RESULT 118
US-08-753-147-31
; Sequence 31, Application US/08753147
; Patent No. 570372
; GENERAL INFORMATION:
; APPLICANT: Concannon, Patrick
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
; NUMBER OF SEQUENCES: 196
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen O'Connor Johnson and Kindness
; STREET: 1420 5th Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/753,147
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheiness, Diana K.
; REGISTRATION NUMBER: 35,356
; REFERENCE/DOCKET NUMBER: VMRC-1-9714
; TELEPHONE: (206) 743-4387
; TELEFAX: (206) 224 0779
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
US-08-753-147-31

Query Match 0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3639 AATTGCTGAGATTGACAGG 3658
DB 1 AATTGCTGAGATTGACAGG 20

RESULT 119

NUMBER OF SEQ ID NOS: 176
SEQ ID NO 85
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-85

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3175 CTTGCCAGAGACTGAGACA 3194
Db 20 CTTGCCAGAGACTGAGACA 1

RESULT 114
US-09-060-299-78
Sequence 78, Application US/09060299
Patent No. 6545137
GENERAL INFORMATION:
APPLICANT: Todd, John A
APPLICANT: Hees, John W
APPLICANT: Caskey, Charles T
APPLICANT: Cox, Roger D
APPLICANT: Gerhold, David
APPLICANT: Hammond, Holly
APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshiniko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 6545137el Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSER: Nixon and Vanderhye
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.25 (BPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION NUMBER:
APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-060-299-78

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.9e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 3599 AGGCTATCTCAAACTCTG 3618
Db 1 AGGCTGTCTCAAACTCTG 20

RESULT 115
US-09-402-923A-78
Sequence 78, Application US/09402923A
Patent No. 655654
GENERAL INFORMATION:
APPLICANT: Todd, John A
APPLICANT: Hees, John W
APPLICANT: Caskey, Charles T
APPLICANT: Cox, Roger D
APPLICANT: Gerhold, David
APPLICANT: Hammond, Holly
APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshiniko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 655654el LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSER: Nixon and Vanderhye
STREET: 1100 No. 655654th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.25 (BPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-402-923A-78

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3599 AGGCTATCTCAAACTCTG 3618
Db 1 AGGCTGTCTCAAACTCTG 20

RESULT 116
US-09-980-052-158/c

; SEQ ID NO 25
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Poly A
US-09-720-201A-25

Query Match 0.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAA 5414
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 111
US-09-074-357-16
; Sequence 16, Application US/09074357
; Patent No. 6133024
; GENERAL INFORMATION:
; APPLICANT: GIOVANNANGELI, CARINE
; APPLICANT: HELENE, CLAUDE
; TITLE OF INVENTION: GENE EXPRESSION CONTROL
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Rd. 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/074,357
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/669,274
; FILING DATE:
; APPLICATION NUMBER: FR 93-15798
; FILING DATE: 29-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 94-01536
; FILING DATE: 27-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith Ph.D., Julie K.
; REGISTRATION NUMBER: 36,619
; REFERENCE/DOCKET NUMBER: EX93022-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610)454-3839
; TELEFAX: (610)454-3808
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-09-074-357-16

Query Match 0.3%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2560 GATGAGGGGAGAGAGATGG 2581
|| ||||| ||||| ||||| ||

Db 2 GAAGAGGAGAGAGAGAAAG 23

RESULT 112
US-08-465-343A-7/C
; Sequence 7, Application US/08465343A
; Patent No. 621968
; GENERAL INFORMATION:
; APPLICANT: WYLER, David J.
; APPLICANT: PRAKASH, Sathana
; APPLICANT: Zhang, Xiaoping
; TITLE OF INVENTION: RSF-1 AND THE EARLY DETECTION
; TITLE OF INVENTION: OF FIBROSIS
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,343A
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/395,674
; FILING DATE: 28-FEB-1995
; APPLICATION NUMBER: 08/152,904
; FILING DATE: 15-NOV-1993
; APPLICATION NUMBER: 07/840,426
; FILING DATE: 24-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: WeikleJohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 00398/096002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-465-343A-7

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 1.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 568 CTGAAGAGGAGGCTGAAG 589
Db 22 CTGAGAGAGGAGGACTAAG 1
|| ||||| ||||| ||||| |||||

RESULT 113
US-09-487-445-85/C
; Sequence 85, Application US/09487445
; Patent No. 6258600
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTS-0107
; CURRENT APPLICATION NUMBER: US/09/487,445
; CURRENT FILING DATE: 2000-01-19

GENERAL INFORMATION:
APPLICANT: KAZAZIAN JR., HAIG H.
APPLICANT: BOEKE, JEFF D.
APPLICANT: MORAN, JOHN V.
APPLICANT: DOMBOSKI, BETH A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF
TITLE OF INVENTION: MAMMALIAN RETROTRANSPOSONS
NUMBER OF SEQUENCES: 137
CORRESPONDENCE ADDRESS:
ADDRESSER: PANITCH SCHWARZ JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND FL.
CITY: PHILADELPHIA
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103-7086
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/847,844A
FILING DATE: 28-APR-1997
CLASSIFICATION: 800
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/749,805
FILING DATE: 16-NOV-1996
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 60/006,831
FILING DATE: 16-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: DOYLE LEARY Ph.D., KATHRYN
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: 9596-2302
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-567-2921
TELEFAX: 215-567-2020
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: RNA (genomic)
US-08-847-844A-94
Query Match 0.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAAAAAACAAAAAGAAAA 5414
DB 1 AAAAAAAAAAAAAAAAAAAAAA 22
RESULT 109
US-08-950-196-19
Sequence 19, Application US/08950196
GENERAL INFORMATION:
APPLICANT: TORRENCE, PAUL
APPLICANT: ROBERT, SILVERMAN
APPLICANT: RATAN, MAITRA
APPLICANT: KRISTINA, LESIAK
TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
TITLE OF INVENTION: OF RNA
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSER: Knobbe, Martens, Olson and Bear
STREET: 620 Newport Center Drive
CITY: Newport Beach
STATE: CA
COUNTRY: USA

ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS version
SOFTWARE: FastSeq Version 1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/950,196
FILING DATE:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US/08/123,449
FILING DATE:
APPLICATION NUMBER: PCT/US93/10103
FILING DATE: 10-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fedrick, Michael F.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH034,001QPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: miscellaneous feature
LOCATION: 1-4
OTHER INFORMATION: A is linked by 2',5'-linkage
FEATURE:
NAME/KEY: miscellaneous feature
LOCATION: 4
OTHER INFORMATION: A is linked at 2' end to following
OTHER INFORMATION: base through a linker moiety
US-08-950-196-19
Query Match 0.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAAAAAACAAAAAGAAAA 5414
DB 1 AAAAAAAAAAAAAAAAAAAAAA 22
RESULT 110
US-09-720-201A-25
Sequence 25, Application US/09720201A
GENERAL INFORMATION:
APPLICANT: KOHARA, MICHINORI
APPLICANT: KOHARA, KYOKO
APPLICANT: TAIRA, KAZUARI
APPLICANT: MATSUZAKI, JUNICHI
APPLICANT: OHMORI, HIROSHI
TITLE OF INVENTION: A VECTOR EXPRESSING AN RNA VIRAL FULL-LENGTH GENE AND
TITLE OF INVENTION: ITS USE
FILE REFERENCE: 04853.0051-00000
CURRENT APPLICATION NUMBER: US/09/720,201A
CURRENT FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: JP 98/177,820
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: PCT/JP99/03381
PRIOR FILING DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn Ver. 2.1

```
DB      1  CCCTCACCTCACCTCAC  19

RESULT 106
US-08-123-449A-19
; Sequence 19, Application US/08123449A
; Patent No. 5583032
;
; GENERAL INFORMATION:
; APPLICANT: TORRENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RATAN, MAITRA
; APPLICANT: KRISTYNA, LESIAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; TITLE OF INVENTION: OF RNA
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS version
; SOFTWARE: FastSeq Version 1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/123,449A
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10103
; FILING DATE: 10-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fedrick, Michael F.
; REGISTRATION NUMBER: 36,799
; REFERENCE/DOCKET NUMBER: NIH034.0010PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: miscellaneous feature
; LOCATION: 1-4
; OTHER INFORMATION: A is linked by 2', 5'-linkage
;
; NAME/KEY: miscellaneous feature
; LOCATION: 4
; OTHER INFORMATION: A is linked at 2' end to following
; OTHER INFORMATION: base through a linker moiety
;
US-08-123-449A-19

Query Match      0.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393  AAAAAATTCAGAAAAAGAAAA  5414
          |||||  |||||  |||||
DB      1  AAAAAAAAAAAAAAAAAAAAAA  22

RESULT 107
US-08-458-050-19

; Sequence 19, Application US/08458050
; Patent No. 5677289
;
; GENERAL INFORMATION:
; APPLICANT: TORRENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RATAN, MAITRA
; APPLICANT: KRISTYNA, LESIAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; TITLE OF INVENTION: OF RNA
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS version
; SOFTWARE: FastSeq Version 1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,050
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/123,449
; FILING DATE: 17-SEP-1993
; APPLICATION NUMBER: PCT/US93/10103
; FILING DATE: 10-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fedrick, Michael F.
; REGISTRATION NUMBER: 36,799
; REFERENCE/DOCKET NUMBER: NIH034.0010PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: miscellaneous feature
; LOCATION: 1-4
; OTHER INFORMATION: A is linked by 2', 5'-linkage
;
; NAME/KEY: miscellaneous feature
; LOCATION: 4
; OTHER INFORMATION: A is linked at 2' end to following
; OTHER INFORMATION: base through a linker moiety
;
US-08-458-050-19

Query Match      0.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393  AAAAAATTCAGAAAAAGAAAA  5414
          |||||  |||||  |||||
DB      1  AAAAAAAAAAAAAAAAAAAAAA  22

RESULT 108
US-08-847-844A-94
; Sequence 94, Application US/08847844A
; Patent No. 6150160
```


Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1180 AGAGAAAGAGAGAGAGA 1198
|||||
Db 1 AGAGAGAGAGAGAGAGA 19

RESULT 103
US-08-863-639A-93/C

; Sequence 93, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matsun, Robert S.
; APPLICANT: Coasain, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626)796-4000
TELEFAX: (626) 795-6321

INFORMATION FOR SEQ ID NO: 93:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-08-863-639A-93

Query Match 0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGA 1198
|||||
Db 20 AGAGAGAGAGAGAGAGA 2

RESULT 104
US-09-470-443-38
; Sequence 38, Application US/09470443
; Patent No. 6441156
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.
; APPLICANT: Latif, Farida
; APPLICANT: Wei, Ming-Hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boning
; APPLICANT: Duh, Fuh-Mei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
; FILE REFERENCE: NIH-05043

; CURRENT APPLICATION NUMBER: US/09/470,443
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: 60/114,359
; EARLIER FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-470-443-38

Query Match 0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5074 CTGGTGCCACAGCAGCCA 5092
|||||
Db 1 CTGGTGCCACAGCAGCTCA 19

RESULT 105
US-08-817-384A-13
; Sequence 13, Application US/08817384A
; Patent No. 6235468

GENERAL INFORMATION:
APPLICANT: Duncan Martin BAIRD
APPLICANT: Alec John JEFFREYS
APPLICANT: Nicola Jane ROYLE
TITLE OF INVENTION: Method For Characterising Variability in
TITLE OF INVENTION: Telomere DNA by PCR
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: PILLSBURY MADISON & SUTRO, L.L.P.
STREET: 1100 New York Avenue, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005-5918

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/817,384A
FILING DATE: 16-APR-1997
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/GB95/02467
FILING DATE: 19-10-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9510639.9
FILING DATE: 25-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9421234.7
FILING DATE: 21-OCT-1994

INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-817-384A-13

Query Match 0.3%; Score 17.4; DB 1; Length 23;
Best Local Similarity 94.7%; Pred. No. 1.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 228 CCCTCACCTCACCTCC 246
|||||

```
STATE: California
COUNTRY: USA
ZIP: CA 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/004,552
FILING DATE: 19930114
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Karen S.
REGISTRATION NUMBER: 31,426
REFERENCE/DOCKET NUMBER: A-57666/KSS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 791-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..20
OTHER INFORMATION: /note="B7C-20 Oligonucleotide,
OTHER INFORMATION: biotinylated at 5'-end."
US-08-004-552-1
```

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Query Match 0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1180 AGAGAAAGAGAGAGAGA 1198
Db 19 AGAGAGAGAGAGAGAGAGA 1
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RESULT 101
US-08-223-355-23/c
Sequence 23, Application US/08223355
Patent No. 5854410
GENERAL INFORMATION:
APPLICANT: Arnold Jr., Lyle J.
APPLICANT: Reynolds, Mark A.
APPLICANT: Schwartz, David A.
APPLICANT: Daily, William J.
TITLE OF INVENTION: Oligonucleoside Cleavage Compounds and
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 W. Sixth St.
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/223,355
FILING DATE: 31-MAR-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Weier, Paul H.
REGISTRATION NUMBER: 32,274
```

```
REFERENCE/DOCKET NUMBER: 200/069
TELECOMMUNICATION INFORMATION:
TELEPHONE: 213/489-1600
TELEFAX: 213/955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: Yes
ANTI-SENSE: No
FEATURE:
NAME/KEY: R183
OTHER INFORMATION: target strand
US-08-223-355-23
```

```
Query Match 0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1179 CAGAGAAAGAGAGAGAG 1197
Db 20 CAGAGAGAGAGAGAGAGAG 2
```

```
RESULT 102
US-08-863-639A-72
Sequence 72, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coaslin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel Wordperfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-72
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```
Query Match 0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.5e+02;
```

```
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmca Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 13290
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-13290
```

```
Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 3475 AGCAGACGAAACCAAGTGTGATG 3498
DB 2 AGCAGAGTGAAAGCCAGTGTGAGG 25
```

```
RESULT 98
US-09-866-108A-13292
/ Sequence 13292, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECMCA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
```

```
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmca Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 13292
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-13292
```

```
Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 3476 GCAGACGAAACCAAGTGTGATGA 3499
DB 1 GCAGAGTGAAAGCCAGTGTGAGGA 24
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RESULT 99
US-09-422-978-5847/C
/ Sequence 5847, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marca
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ PRIOR FILING DATE: 1999-10-20
/ PRIOR APPLICATION NUMBER: US 09/298,850
/ PRIOR FILING DATE: 1999-04-21
/ PRIOR APPLICATION NUMBER: US 60/109,732
/ PRIOR FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: US 60/082,614
/ PRIOR FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 5847
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..19
/ OTHER INFORMATION: upstream amplification primer 99-7311 for SEQ 1913.
US-09-422-978-5847
```

```
Query Match 0.3%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1181 GAGAAAGAGAGAGAGAA 1199
DB 19 GAAAAAGAGAGAGAGAA 1
```

```
RESULT 100
US-08-004-552-1/C
/ Sequence 1, Application US/08004552
/ Patent No. 5482836
/ GENERAL INFORMATION:
/ APPLICANT: Cantor, Charles R.
/ APPLICANT: Ito, Takashi
/ APPLICANT: Smith, Cassandra L.
/ TITLE OF INVENTION: DNA PURIFICATION BY TRIPLE-AFFINITY
/ TITLE OF INVENTION: CAPTURE AND AFFINITY CAPTURE ELECTROPHORESIS
/ NUMBER OF SEQUENCES: 4
/ CORRESPONDENCE ADDRESSES:
/ ADDRESSEE: Karen S. Smith
/ STREET: 4 Embarcadero Center, Suite 3400
/ CITY: San Francisco
```

```
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 4832
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-4832

Query Match          0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      3257 AGAGCTGCGCTCTGCTTAGTG 3280
Db      1 AGAGCTGCGCTCTCATCATG 24

RESULT 95
US-09-866-108A-12949
; Sequence 12949, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12949
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-12949

Query Match          0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      2112 GATGACAGATGATGACGGAAGA 2135
Db      2 GATGACAGATGATGACGGAAGA 25
```

```
RESULT 96
US-09-866-108A-12950
; Sequence 12950, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 12950
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-12950

Query Match          0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      2112 GATGACAGATGATGACGGAAGA 2135
Db      1 GATGACAGATGATGACGGAAGA 24

RESULT 97
US-09-866-108A-13290
; Sequence 13290, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
```

```

; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1152
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-1152

Query Match
Best Local Similarity 83.3%; Score 17.6; DB 1; Length 25;
Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5410 AAAAAATGAAATTAAGGATTAAG 5433
DB 2 AAGAAATGAAATTAAGGATTAAG 25

RESULT 92
US-09-827-998-1154
; Sequence 1154, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMRP-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1154
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-1154

Query Match
Best Local Similarity 83.3%; Score 17.6; DB 1; Length 25;
Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5411 AAAAAATGAAATTAAGGATTAAG 5434
DB 1 AGAAATGAAATTAAGGATTAAG 24

RESULT 93
US-09-866-108A-4831
; Sequence 4831, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
```

```

; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 4831
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-4831

Query Match
Best Local Similarity 83.3%; Score 17.6; DB 1; Length 25;
Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3257 AGAGCTGGCCCTGTCGCTTAGTG 3280
DB 2 AGAGCTGGCCCTGTCGCTTAGTG 25

RESULT 94
US-09-866-108A-4832
; Sequence 4832, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
```

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Pseudo-sequence
US-09-721-154-2

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAAGAAAAAT 5416
Db 24 AAAAAAAAAAAAAAAAAATAAAAAT 1

RESULT 88
US-09-915-152-9
Sequence 9, Application US/09915152
Patent No. 6784207
GENERAL INFORMATION:
APPLICANT: Fluehmann, Beat
APPLICANT: Heim, Manuel
APPLICANT: Hunziker, Willi
APPLICANT: Weber, Peter
TITLE OF INVENTION: PHYTANIC ACID DERIVATIVE COMPOSITIONS AND METHOD OF TREATING
TITLE OF INVENTION: AND/OR PREVENTING DIABETES MELLITUS
FILE REFERENCE: 20722 US/Mex (C038435/0119491)
CURRENT APPLICATION NUMBER: US/09/915.152
PRIOR FILING DATE: 2001-07-25
CURRENT APPLICATION NUMBER: EPO 00116848.3
PRIOR FILING DATE: 2000-08-04
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PatentIn version 3.2
SEQ ID NO 9
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide used for the amplification of
US-09-915-152-9

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3128 AGCTGACCTGAGCTTCATGTCG 3151
Db 1 AGCTGACCTGAGCTTCATGAGACG 24

RESULT 89
US-08-113-646A-42
Sequence 42, Application US/08113646A
Patent No. 5578468
GENERAL INFORMATION:
APPLICANT: PICKUP, David J.
APPLICANT: PATEL, Dhavalakumar
APPLICANT: ANTICZAK, James B.
TITLE OF INVENTION: SITE-SPECIFIC RNA CLEAVAGE
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBB ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/113,646A
FILING DATE: 31-AUG-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/084,406
FILING DATE: 10-AUG-1987
ATTORNEY/AGENT INFORMATION:
NAME: WILSON, MARY J.
REGISTRATION NUMBER: 32,955
REFERENCE/DOCKET NUMBER: 1579-20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
TELEX: 200797 NIXN UR
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-113-646A-42

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5398 AATACAAAAAAGAAAAATGAAAA 5421
Db 2 AAAAAAAAAAAAAAAAAAAAAAA 25

RESULT 90
US-09-398-193-103/c
Sequence 103, Application US/09398193
Patent No. 6197581
GENERAL INFORMATION:
APPLICANT: Medical Research Council
TITLE OF INVENTION: Adenylate cyclase and uses therefor
FILE REFERENCE: P24360-
CURRENT APPLICATION NUMBER: US/09/398,193
PRIOR FILING DATE: 1999-09-17
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 103
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer based
US-09-398-193-103

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2565 GGGGAGAGAGAGATGAGAAACAT 2588
Db 25 GGAGAGAGAGAGATGCTGACAT 2

RESULT 91
US-09-827-998-1152
Sequence 1152, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMPF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06

```
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/577,788
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Winter, Robert B.
/ REFERENCE/DOCKET NUMBER: A-378
/ INFORMATION FOR SEQ ID NO: 28:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
US-08-795-446B-28
```

```
Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 4663 CAGATCGGAGCTGTTACGTTG 4686
DB 1 CAGATCTGAAGCTGCTCAGTTG 24
```

```
RESULT 84
US-08-706-945D-21
/ Sequence 21, Application US/08706945D
/ Patent No. 6369027
/ GENERAL INFORMATION:
/ APPLICANT: Boyle, William
/ APPLICANT: Lacey, David
/ APPLICANT: Calzone, Frank
/ APPLICANT: Chang, Ming-Shi
/ TITLE OF INVENTION: Osteoprotegerin
/ FILE REFERENCE: A-378CIP
/ CURRENT APPLICATION NUMBER: US/08/706,945D
/ PRIOR FILING DATE: 1996-09-03
/ PRIOR APPLICATION NUMBER: 08/577,788
/ NUMBER OF SEQ ID NOS: 145
/ SOFTWARE: Patent version 3.1
/ SEQ ID NO 21
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Oligonucleotide
US-08-706-945D-21
```

```
Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 4663 CAGATCGGAGCTGTTACGTTG 4686
DB 1 CAGATCTGAAGCTGCTCAGTTG 24
```

```
RESULT 85
US-08-577-788C-28
/ Sequence 28, Application US/08577788C
/ Patent No. 6613544
/ GENERAL INFORMATION:
/ APPLICANT: Boyle, William
/ APPLICANT: Lacey, David
/ APPLICANT: Calzone, Frank
/ APPLICANT: Chang, Ming-Shi
/ TITLE OF INVENTION: Osteoprotegerin
/ FILE REFERENCE: A-378 Rev
/ CURRENT APPLICATION NUMBER: US/08/577,788C
/ CURRENT FILING DATE: 1995-12-22
```

```
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: Patent version 3.1
/ SEQ ID NO 28
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-08-577-788C-28
```

```
Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 4663 CAGATCGGAGCTGTTACGTTG 4686
DB 1 CAGATCTGAAGCTGCTCAGTTG 24
```

```
RESULT 86
US-09-721-154-1/C
/ Sequence 1, Application US/09721154
/ Patent No. 6651008
/ GENERAL INFORMATION:
/ APPLICANT: Vaisberg, Eugeni
/ APPLICANT: Adams, Cynthia
/ APPLICANT: Sabry, James
/ APPLICANT: Crompton, Anne
/ TITLE OF INVENTION: Database system including computer code
/ TITLE OF INVENTION: for predictive cellular bioinformatics
/ FILE REFERENCE: Cytop007C2
/ CURRENT APPLICATION NUMBER: US/09/721,154
/ PRIOR FILING DATE: 2002-06-14
/ PRIOR APPLICATION NUMBER: 09/311,996
/ PRIOR FILING DATE: 1999-05-14
/ NUMBER OF SEQ ID NOS: 14
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 1
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Pseudo-sequence
US-09-721-154-1
```

```
Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 5389 AATTAAAAAATACAAAAAGAAA 5412
DB 24 AATTAAAAAATACAAAAAGAAA 1
```

```
RESULT 87
US-09-721-154-2/C
/ Sequence 2, Application US/09721154
/ Patent No. 6651008
/ GENERAL INFORMATION:
/ APPLICANT: Vaisberg, Eugeni
/ APPLICANT: Adams, Cynthia
/ APPLICANT: Sabry, James
/ APPLICANT: Crompton, Anne
/ TITLE OF INVENTION: Database system including computer code
/ TITLE OF INVENTION: for predictive cellular bioinformatics
/ FILE REFERENCE: Cytop007C2
/ CURRENT APPLICATION NUMBER: US/09/721,154
/ PRIOR FILING DATE: 2002-06-14
/ PRIOR APPLICATION NUMBER: 09/311,996
/ PRIOR FILING DATE: 1999-05-14
/ NUMBER OF SEQ ID NOS: 14
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 2
/ LENGTH: 24
/ TYPE: DNA
```

;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Winter, Robert B.
;; REFERENCE/DOCKET NUMBER: A-378
;; INFORMATION FOR SEQ ID NO: 28:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 24 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
US-08-795-445A-28

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4663 CAGATGCGAAGCTGTCAGCTTG 4686
DB 1 CAGATCCTGAAGCTGCTCAGTTTG 24

RESULT 81
US-08-795-447A-28
; Sequence 28, Application US/08795447A
; Patent No. 6284728
; GENERAL INFORMATION:
; APPLICANT: Boyle, William J.
; APPLICANT: Lacey, David L.
; APPLICANT: Calzone, Frank J.
; APPLICANT: Chang, Ming-Shi
; TITLE OF INVENTION: Osteoprotegerin
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Inc.
; STREET: One Amgen Center Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91362-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/795,447A
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Winter, Robert B.
; REFERENCE/DOCKET NUMBER: A-378D2
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-795-447A-28

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4663 CAGATGCGAAGCTGTCAGCTTG 4686
DB 1 CAGATCCTGAAGCTGCTCAGTTTG 24

RESULT 82
US-08-974-186-28
; Sequence 28, Application US/08974186

;; Patent No. 6284740
;; GENERAL INFORMATION:
;; APPLICANT: Boyle, William J.
;; APPLICANT: Lacey, David L.
;; APPLICANT: Calzone, Frank J.
;; APPLICANT: Chang, Ming-Shi
;; TITLE OF INVENTION: OSTEOPROTEGERIN
;; NUMBER OF SEQUENCES: 53
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Amgen Inc.
;; STREET: 1840 Dehavilland Drive
;; CITY: Thousand Oaks
;; STATE: California
;; COUNTRY: USA
;; ZIP: 91320-1789
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/974,186
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/577,788
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Winter, Robert B.
;; REFERENCE/DOCKET NUMBER: A-378
;; INFORMATION FOR SEQ ID NO: 28:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 24 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
US-08-974-186-28

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4663 CAGATGCGAAGCTGTCAGCTTG 4686
DB 1 CAGATCCTGAAGCTGCTCAGTTTG 24

RESULT 83
US-08-795-446B-28
; Sequence 28, Application US/08795446B
; Patent No. 6288032
; GENERAL INFORMATION:
; APPLICANT: Boyle, William J.
; APPLICANT: Lacey, David L.
; APPLICANT: Calzone, Frank J.
; APPLICANT: Chang, Ming-Shi
; TITLE OF INVENTION: OSTEOPROTEGERIN
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Inc.
; STREET: 1840 Dehavilland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/795,446B


```
/ Sequence 5, Application US/09487130
/ Patent No. 6362322
/ GENERAL INFORMATION:
/ APPLICANT: GRAY, DONALD M.
/ APPLICANT: HASHEN, GIBAN M.
/ TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEIN-PAIRED
/ FILE REFERENCE: 91556/66385CIP
/ CURRENT APPLICATION NUMBER: US/09/487,130
/ CURRENT FILING DATE: 2000-01-19
/ PRIOR APPLICATION NUMBER: 09/357,424
/ PRIOR FILING DATE: 1999-07-20
/ NUMBER OF SEQ ID NOS: 17
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 5
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: synthetic
/ OTHER INFORMATION: nucleic acid
US-09-487-130-5

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 1 AGAGAGAGAGAGAGAGAGAGA 21

RESULT 78
US-09-487-130-6/C
/ Sequence 6, Application US/09487130
/ Patent No. 6362322
/ GENERAL INFORMATION:
/ APPLICANT: GRAY, DONALD M.
/ APPLICANT: HASHEN, GIBAN M.
/ TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEIN-PAIRED
/ FILE REFERENCE: 91556/66385CIP
/ CURRENT APPLICATION NUMBER: US/09/487,130
/ CURRENT FILING DATE: 2000-01-19
/ PRIOR APPLICATION NUMBER: 09/357,424
/ PRIOR FILING DATE: 1999-07-20
/ NUMBER OF SEQ ID NOS: 17
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 6
/ LENGTH: 24
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: synthetic
/ OTHER INFORMATION: nucleic acid
US-09-487-130-6

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 24 AGAGAGAGAGAGAGAGAGAGA 4

RESULT 79
US-08-974-022-28
/ Sequence 28, Application US/08974022
/ Patent No. 6015938
/ GENERAL INFORMATION:
/ APPLICANT: Boyle, William J.
/ APPLICANT: Lacey, David L.
```

```
/ APPLICANT: Calzone, Frank J.
/ APPLICANT: Chang, Ming-Shi
/ TITLE OF INVENTION: OSTEOPROTEGERIN
/ NUMBER OF SEQUENCES: 53
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Amgen Inc.
/ STREET: 1840 Denavilland Drive
/ CITY: Thousand Oaks
/ STATE: California
/ COUNTRY: USA
/ ZIP: 91320-1789
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/974,022
/ FILING DATE: 12-DEC-1995
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/577,788
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Winter, Robert B.
/ REFERENCE/DOCKET NUMBER: A-378
/ INFORMATION FOR SEQ ID NO: 28:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
US-08-974-022-28

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4663 CAGATCGGAGAGCTGTTCACTTG 4686
Db 1 CAGATCTGAGAGCTGCTCAGTTG 24

RESULT 80
US-08-795-445A-28
/ Sequence 28, Application US/08795445A
/ Patent No. 6284485
/ GENERAL INFORMATION:
/ APPLICANT: Boyle, William J.
/ APPLICANT: Lacey, David L.
/ APPLICANT: Calzone, Frank J.
/ TITLE OF INVENTION: OSTEOPROTEGERIN
/ NUMBER OF SEQUENCES: 53
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Amgen Inc.
/ STREET: 1840 Denavilland Drive
/ CITY: Thousand Oaks
/ STATE: California
/ COUNTRY: USA
/ ZIP: 91320-1789
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/795,445A
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/577,788
```


TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-808-474A-11

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAGAGAGAGAGAGAGAA 1200
DB 1 AGAGAGAGAGAGAGAGAGAGA 21

RESULT 69
US-09-235-614-8
; Sequence 8, Application US/09235614
; Patent No. 6183966
; GENERAL INFORMATION:
; APPLICANT: GRAY, DONALD M.
; APPLICANT: CLARK, CHRISTOPHER L.
; TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
; FILE REFERENCE: 91556/66384
; CURRENT APPLICATION NUMBER: US/09/235,614
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 08/808,474
; PRIOR FILING DATE: 1997-03-03
; PRIOR APPLICATION NUMBER: 08/320,507
; PRIOR FILING DATE: 1994-10-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 8
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Hybrid mRNA
US-09-235-614-8

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAGAGAGAGAGAGAGAA 1200
DB 1 AGAGAGAGAGAGAGAGAGAGA 21

RESULT 70
US-09-235-614-9/C
; Sequence 9, Application US/09235614
; Patent No. 6183966
; GENERAL INFORMATION:
; APPLICANT: GRAY, DONALD M.
; APPLICANT: CLARK, CHRISTOPHER L.
; TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
; FILE REFERENCE: 91556/66384
; CURRENT APPLICATION NUMBER: US/09/235,614
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 08/808,474
; PRIOR FILING DATE: 1997-03-03
; PRIOR APPLICATION NUMBER: 08/320,507
; PRIOR FILING DATE: 1994-10-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 9
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Hybrid DNA

US-09-235-614-9

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAGAGAGAGAGAGAGAA 1200
DB 24 AGAGAGAGAGAGAGAGAGAGA 4

RESULT 71
US-09-235-614-10/C
; Sequence 10, Application US/09235614
; Patent No. 6183966
; GENERAL INFORMATION:
; APPLICANT: GRAY, DONALD M.
; APPLICANT: CLARK, CHRISTOPHER L.
; TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
; FILE REFERENCE: 91556/66384
; CURRENT APPLICATION NUMBER: US/09/235,614
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 08/808,474
; PRIOR FILING DATE: 1997-03-03
; PRIOR APPLICATION NUMBER: 08/320,507
; PRIOR FILING DATE: 1994-10-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 10
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Hybrid mRNA
US-09-235-614-10

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAGAGAGAGAGAGAGAA 1200
DB 23 AGAGAGAGAGAGAGAGAGAGA 3

RESULT 72
US-09-235-614-11
; Sequence 11, Application US/09235614
; Patent No. 6183966
; GENERAL INFORMATION:
; APPLICANT: GRAY, DONALD M.
; APPLICANT: CLARK, CHRISTOPHER L.
; TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
; FILE REFERENCE: 91556/66384
; CURRENT APPLICATION NUMBER: US/09/235,614
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 08/808,474
; PRIOR FILING DATE: 1997-03-03
; PRIOR APPLICATION NUMBER: 08/320,507
; PRIOR FILING DATE: 1994-10-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 11
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Hybrid DNA
US-09-235-614-11

Query Match 0.3%; Score 17.8; DB 1; Length 24;

STRANDEDNESS: single
TOPOLOGY: linear
US-08-808-474A-8

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 1 AGAGAGAGAGAGAGAGAGAGA 21

RESULT 66
US-08-808-474A-9/c
Sequence 9, Application US/08808474A
Patent No. 5856103
GENERAL INFORMATION:

APPLICANT: Gray, Donald M.
APPLICANT: Clark, Chris L.
TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
TITLE OF INVENTION: FOR ANTISENSE TARGETING
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESSES:

ADDRESSEE: Locke Purnell Rain Harrell
STREET: 2200 Ross Avenue, Suite 2200
CITY: Dallas

STATE: Texas
COUNTRY: USA

ZIP: 75201-6776
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/808,474A
FILING DATE: 03-MAR-1997
ATTORNEY/AGENT INFORMATION:

NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTDL:001

TELECOMMUNICATION INFORMATION:
TELEPHONE: (214) 740-8000
TELEFAX: (214) 740-8800

INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear

US-08-808-474A-9

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 23 AGAGAGAGAGAGAGAGAGAGA 3

RESULT 67
US-08-808-474A-10/c
Sequence 10, Application US/08808474A
Patent No. 5856103
GENERAL INFORMATION:

APPLICANT: Gray, Donald M.
APPLICANT: Clark, Chris L.
TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
TITLE OF INVENTION: FOR ANTISENSE TARGETING
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESSES:

ADDRESSEE: Locke Purnell Rain Harrell
STREET: 2200 Ross Avenue, Suite 2200
CITY: Dallas

STATE: Texas
COUNTRY: USA

ZIP: 75201-6776
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/808,474A
FILING DATE: 03-MAR-1997
ATTORNEY/AGENT INFORMATION:

NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTDL:001

TELECOMMUNICATION INFORMATION:
TELEPHONE: (214) 740-8000
TELEFAX: (214) 740-8800

INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear

US-08-808-474A-10

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 23 AGAGAGAGAGAGAGAGAGAGA 3

RESULT 68
US-08-808-474A-11

Sequence 11, Application US/08808474A
Patent No. 5856103
GENERAL INFORMATION:

APPLICANT: Gray, Donald M.
APPLICANT: Clark, Chris L.
TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES

TITLE OF INVENTION: FOR ANTISENSE TARGETING
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESSES:

ADDRESSEE: Locke Purnell Rain Harrell
STREET: 2200 Ross Avenue, Suite 2200
CITY: Dallas

STATE: Texas
COUNTRY: USA

ZIP: 75201-6776
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/808,474A
FILING DATE: 03-MAR-1997
ATTORNEY/AGENT INFORMATION:

NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTDL:001

TELECOMMUNICATION INFORMATION:
TELEPHONE: (214) 740-8000
TELEFAX: (214) 740-8800

INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs

```

CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 1
OTHER INFORMATION: /mod_base= OTHER
FEATURE:
NAME/KEY: modified_base
LOCATION: 7
OTHER INFORMATION: /mod_base= OTHER
FEATURE:
NAME/KEY: modified_base
LOCATION: 2..4
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION:
FEATURE:
NAME/KEY: modified_base
LOCATION: 9
OTHER INFORMATION: /mod_base= OTHER
FEATURE:
NAME/KEY: modified_base
LOCATION: 11
OTHER INFORMATION: /mod_base= OTHER
FEATURE:
NAME/KEY: modified_base
LOCATION: 13
OTHER INFORMATION: /mod_base= OTHER
FEATURE:
NAME/KEY: modified_base
LOCATION: 15
OTHER INFORMATION: /mod_base= OTHER
FEATURE:
NAME/KEY: modified_base
LOCATION: 17
OTHER INFORMATION: /mod_base= OTHER
FEATURE:
NAME/KEY: modified_base
LOCATION: 21
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
OTHER INFORMATION: /note= "5-methylcytosine"
PCT-US91-03680-36

Query Match 0.3%; Score 18; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
DB 22 AGAAGAGAGAGAGAA 5
1182 AGAAGAGAGAGAGAA 1199
```

```

RESULT 64
US-09-629-222A-16
; Sequence 16, Application US/09629222A
; Patent No. 6593700
; GENERAL INFORMATION:
; APPLICANT: Bellacosa, Alfonso
; TITLE OF INVENTION: Methods for Detection of Transition
; TITLE OF INVENTION: Single-Nucleotide Polymorphisms
; FILE REFERENCE: PCCC 96-21
; CURRENT APPLICATION NUMBER: US/09/629,222A
; CURRENT FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: 09/463,891
; PRIOR FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: PCT/US98/15828
; PRIOR FILING DATE: 1998-07-28
; PRIOR APPLICATION NUMBER: 60/053,936
; PRIOR FILING DATE: 1997-07-28
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 16
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-629-222A-16
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```

Query Match 0.3%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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CY 1415 GAAGCTGCGCTGATTATGTCG 1435
DB 1 GAAGCTGACCTGATTATGTCG 21
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```

RESULT 65
US-08-808-474A-8
; Sequence 8, Application US/08808474A
; Patent No. 5856103
; GENERAL INFORMATION:
; APPLICANT: Gray, Donald M.
; APPLICANT: Clark, Chris L.
; TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
; TITLE OF INVENTION: FOR ANTISENSE TARGETING
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Locke Purnell Rain Harrell
; STREET: 2200 Ross Avenue, Suite 2200
; CITY: Dallas
; STATE: Texas
; COUNTRY: USA
; ZIP: 75201-6776
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/808,474A
; FILING DATE: 03-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: UTDL:001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (214) 740-8000
; TELEFAX: (214) 740-8800
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
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Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

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RESULT 60
; Sequence 39, Application US/09923246
; Patent No. 6605272
; GENERAL INFORMATION:
; APPLICANT: No. 6605272ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923,246
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
; US-09-923-246-39
```

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATACAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

```
RESULT 61
; Sequence 1, Application US/09658077
; Patent No. 6627748
; GENERAL INFORMATION:
; APPLICANT: Ju, Jinyue
; APPLICANT: et al.
; TITLE OF INVENTION: Combinatorial Fluorescence Energy Transfer Tags And
; TITLE OF INVENTION: Their Applications For Multiplex Genetic Analyses
; FILE REFERENCE: 0575/62238/JPM/ADM
; CURRENT APPLICATION NUMBER: US/09/658,077
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: scaffold
; US-09-658-077-1
```

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATACAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

```
RESULT 62
; Sequence 39, Application US/10295723
; Patent No. 6686178
; GENERAL INFORMATION:
; APPLICANT: No. 6686178ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/295,723
; PRIOR FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
; US-10-295-723-39
```

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATACAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

```
RESULT 63
; Sequence 36, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
```

```

/ APPLICANT: LIN, SHI-LUNG
/ CHUONG, CHENG-MING
/ YING, SHAO-YAO
/ TITLE OF INVENTION: Method for Generating Full-length cDNA
/ Library from Single Cells
/ NUMBER OF SEQUENCES: 5
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: David & Raymond Patent Firm
/ STREET: 108 N. Ynez Ave., Suite 128
/ CITY: Monterey Park
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 91754
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/197,951
/ FILING DATE: 20-No. 6197554-1998
/ CLASSIFICATION: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Chan, Raymond Y.C.
/ REGISTRATION NUMBER: 37,484
/ REFERENCE/DOCKET NUMBER: USP8462A-SL(3)
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (626) 571-9812
/ TELEFAX: (626) 571-9813
/ INFORMATION FOR SEQ ID NO: 5:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 26 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "synthetic"
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-197-951-5

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
DB 26 AAAAAAAAAAAAAAAAAAAAAA 4

RESULT 58
US-09-522-217-39/c
/ Sequence 39, Application US/09522217
/ Patent No. 6307024
/ GENERAL INFORMATION:
/ APPLICANT: No. 6307024aK, Julia E.
/ APPLICANT: Presnell, Scott R.
/ APPLICANT: Sprecher, Cindy A.
/ APPLICANT: Foster, Donald C.
/ APPLICANT: Holly, Richard D.
/ APPLICANT: Gross, Jane A.
/ APPLICANT: Johnston, Janet V.
/ APPLICANT: Nelson, Andrew J.
/ APPLICANT: Dillon, Stacey R.
/ APPLICANT: Hammond, Angela K.
/ TITLE OF INVENTION: NOVEL CYTOKINE ZALPHRA1 LIGAND
/ FILE REFERENCE: 99-16
/ CURRENT APPLICATION NUMBER: US/09/522,217
/ CURRENT FILING DATE: 2000-03-09
/ EARLIER APPLICATION NUMBER: US 60/123,547
/ EARLIER FILING DATE: 1999-03-09
/ EARLIER APPLICATION NUMBER: US 60/123,904
```

```

/ EARLIER FILING DATE: 1999-03-11
/ EARLIER APPLICATION NUMBER: US 60/142,013
/ EARLIER FILING DATE: 1999-07-01
/ NUMBER OF SEQ ID NOS: 115
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 39
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-09-522-217-39

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 59
US-09-593-312-2/c
/ Sequence 2, Application US/09593312
/ Patent No. 6514699
/ GENERAL INFORMATION:
/ APPLICANT: O'Neill, Roger A.
/ APPLICANT: Chen, Jer-Kang
/ APPLICANT: Chiea, Claudia
/ APPLICANT: Fry, George
/ TITLE OF INVENTION: Multiplex Polynucleotide Capture
/ NUMBER OF SEQUENCES: 50
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: PB Applied Biosystems
/ STREET: 850 Lincoln Centre Drive
/ CITY: Foster City
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94404
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/593,312
/ FILING DATE:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/873,437
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Bortner, Scott R
/ REGISTRATION NUMBER: 34,298
/ REFERENCE/DOCKET NUMBER: 4294
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-638-6245
/ TELEFAX: 415-638-6071
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 26 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-09-593-312-2

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3
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; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
; FILING DATE: 26-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAWRENCE III, STANTON T.
; REGISTRATION NUMBER: 25,736
; REFERENCE/DOCKET NUMBER: 7005-107-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
; US-08-621-914A-2

Query Match          0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 55
US-08-621-914A-3/c
; Sequence 3, Application US/08621914A
; Patent No. 5707807
; GENERAL INFORMATION:
; APPLICANT: KATO, KIKUYA
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
; TITLE OF INVENTION: ANALYSIS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDWARDS
; STREET: 1155 AVENUE OF THE AMERICAS
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
; FILING DATE: 26-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAWRENCE III, STANTON T.
; REGISTRATION NUMBER: 25,736
; REFERENCE/DOCKET NUMBER: 7005-107-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
```

```
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
; US-08-621-914A-3

Query Match          0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 56
US-08-873-437-2/c
; Sequence 2, Application US/08872437
; Patent No. 6124092
; GENERAL INFORMATION:
; APPLICANT: O'Neill, Roger A.
; APPLICANT: Chen, Jer-Kang
; APPLICANT: Chiesia, Claudia
; APPLICANT: Fry, George
; TITLE OF INVENTION: Multiplex Polynucleotide Capture
; TITLE OF INVENTION: Methods and Compositions
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PE Applied Biosystems
; STREET: 850 Lincoln Centre Drive
; CITY: Foster City
; STATE: CA
; COUNTRY: USA
; ZIP: 94040
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/873,437
; FILING DATE: 12-JUN-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/027,832
; FILING DATE: 04-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Bortner, Scott R.
; REGISTRATION NUMBER: 34,298
; REFERENCE/DOCKET NUMBER: 4294
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-638-6071
; TELEFAX: 415-638-6245
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-873-437-2

Query Match          0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 57
US-09-197-951-5/c
; Sequence 5, Application US/09197951
; Patent No. 6197554
; GENERAL INFORMATION:
```


Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 51
US-09-183-619-5/c
; Sequence 5, Application US/09183619
; Patent No. 6103474
; GENERAL INFORMATION:
; APPLICANT: DELLINGER, DOUGLAS J.
; APPLICANT: DAMM, SUKANN C.
; APPLICANT: LISLEY, DIANE D.
; APPLICANT: ACH, ROBERT A.
; APPLICANT: TROLL, MARK A.
; TITLE OF INVENTION: HYBRIDIZATION ASSAY SIGNAL ENHANCEMENT
; FILE REFERENCE: 10981619-1
; CURRENT APPLICATION NUMBER: US/09/183,619
; CURRENT FILING DATE: 1998-10-30
; EARLIER APPLICATION NUMBER: 08/735,381
; EARLIER FILING DATE: 1996-10-21
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 5
; LENGTH: 25
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reporter probe
US-09-183-619-5

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 52
US-09-282-734-23/c
; Sequence 23, Application US/09282734A
; Patent No. 6537749
; GENERAL INFORMATION:
; APPLICANT: ROBERT G. KUIJMEIS et al.
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
; FILE REFERENCE: 50036/009002
; CURRENT APPLICATION NUMBER: US/09/282,734A
; CURRENT FILING DATE: 1999-03-03
; EARLIER APPLICATION NUMBER: 60/080,686
; EARLIER FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatcSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Capture probe sequence
US-09-282-734-23

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 53
PCT-US94-14096-2/c

; Sequence 2, Application PC/TUS9414096
; GENERAL INFORMATION:
; APPLICANT: NIKIFOROV, THEO
; APPLICANT: KNAPP, MICHAEL
; TITLE OF INVENTION: METHOD FOR THE IMMOBILIZATION OF NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/14096
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: AUERBACH, JEFFREY I
; REGISTRATION NUMBER: 32,680
; REFERENCE/DOCKET NUMBER: 639-105
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Equus caballus
; IMMEDIATE SOURCE:
; CLONE: Biotin-T25
PCT-US94-14096-2

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 54
US-08-621-914A-2/c
; Sequence 2, Application US/08621914A
; Patent No. 5707807
; GENERAL INFORMATION:
; APPLICANT: KATO, KIKIYA
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
; TITLE OF INVENTION: ANALYSIS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 AVENUE OF THE AMERICAS
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA

```
STATE: D. C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/341,148
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: AUERBACH, JEFFREY I
REGISTRATION NUMBER: 32,680
REFERENCE/DOCKET NUMBER: 639-105
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Equus caballus
IMMEDIATE SOURCE:
CLONE: Biotin-T25
US-08-341-148-2

Query Match      0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 49
US-08-460-130-2/c
Sequence 2, Application US/08460130
Patent No. 5734020
GENERAL INFORMATION:
APPLICANT: Yuan N. Wong
TITLE OF INVENTION: Production and Use
TITLE OF INVENTION: of Magnetic Porous Inorganic Materials
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: CRG, Inc.
STREET: 3 Borinski Road
CITY: Lincoln Park
STATE: New Jersey
COUNTRY: United States of America
ZIP: 07035
COMPUTER READABLE FORM:
MEDIUM TYPE: 3M Double Density
MEDIUM TYPE: 5 1/4" diskette
COMPUTER: Wang PC
OPERATING SYSTEM: MS DOS Version
OPERATING SYSTEM: 3.20
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,130
FILING DATE: 2 June 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/307,307
FILING DATE: 16 September 1994
```

```
APPLICATION NUMBER: 07/794,910
FILING DATE: 20 No. 5734020ember 1991
ATTORNEY/AGENT INFORMATION:
NAME: Irons, Edward S.
REGISTRATION NUMBER: 16,541
REFERENCE/DOCKET NUMBER: Wong
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 626-3564
TELEFAX: (202) 783-6031
TELEX: No. 5734020e
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 25
TYPE: Nucleotide
STRANDEDNESS: Single
TOPOLOGY: Unknown
US-08-460-130-2

Query Match      0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 50
US-08-969-813-1/c
Sequence 1, Application US/08969813
Patent No. 6060246
GENERAL INFORMATION:
APPLICANT: Summerton, James E.
APPLICANT: Mages, John M.
TITLE OF INVENTION: Reagent and Method for Isolation
TITLE OF INVENTION: and Detection of Selected Nucleic Acid Sequences
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: US
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/969,813
FILING DATE: 13-NOV-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/030,963
FILING DATE: 15-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Gortney, Leeann
REGISTRATION NUMBER: 37,337
REFERENCE/DOCKET NUMBER: 0450-0013.30
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-324-0880
TELEFAX: 650-324-0960
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-969-813-1
```

Db 23 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 44
US-10-043-415-4
; Sequence 4, Application US/10043415
; Patent No. 6573054
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; APPLICANT: Patel, Rajesh D.
; TITLE OF INVENTION: Quantitative Determination of Nucleic
; TITLE OF INVENTION: Acid Amplification Products
; FILE REFERENCE: BEH-7408
; CURRENT APPLICATION NUMBER: US/10/043,415
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US/09/025,639
; PRIOR FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc binding
; LOCATION: (1)..(24)
; OTHER INFORMATION: Synthetic DNA Probe
US-10-043-415-4

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATCAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 45
US-09-854-317-1
; Sequence 1, Application US/09854317
; Patent No. 6582938
; GENERAL INFORMATION:
; APPLICANT: Su, Xing
; APPLICANT: Dong, Hejin
; APPLICANT: Ryder, Thomas B.
; TITLE OF INVENTION: Amplification of Nucleic Acids
; FILE REFERENCE: 3234.2
; CURRENT APPLICATION NUMBER: US/09/854,317
; CURRENT FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 24
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-854-317-1

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATCAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 46
US-09-721-154-4/c
; Sequence 4, Application US/09721154

; Patent No. 6651008
; GENERAL INFORMATION:
; APPLICANT: Vaisberg, Eugent
; APPLICANT: Adams, Cynthia
; APPLICANT: Sabry, James
; APPLICANT: Crompton, Anne
; TITLE OF INVENTION: Database system including computer code
; TITLE OF INVENTION: for predictive cellular bioinformatics
; FILE REFERENCE: Cyto007C2
; CURRENT APPLICATION NUMBER: US/09/721,154
; CURRENT FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: 09/311,996
; PRIOR FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Pseudo-sequence
US-09-721-154-4

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATCAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 47
539676-1/c
; Patent No. 539676
; APPLICANT: FROEHLER, BRIAN
; TITLE OF INVENTION: OLIGONUCLEOTIDES WITH INVERTED POLARITY
; NUMBER OF SEQUENCES: 2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/559,958
; FILING DATE: 30-JUL-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 502,272
; FILING DATE: 29-MAR-1990
; APPLICATION NUMBER: 425,803
; FILING DATE: 23-OCT-1989
; SEQ ID NO:1
; LENGTH: 24
539676-1

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5404 AAAAAAAAAATCAAGAAAAA 5426
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 48
US-08-341-148-2/c
; Sequence 2, Application US/08341148
; Patent No. 5610287
; GENERAL INFORMATION:
; APPLICANT: NIKIFOROV, THEO
; APPLICANT: KNAPP, MICHAEL
; TITLE OF INVENTION: METHOD FOR THE IMMOBILIZATION OF NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON

```

; CURRENT FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: US 08/473,010
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/247,530
; PRIOR FILING DATE: 1994-05-23
; PRIOR APPLICATION NUMBER: US 07/838,607
; PRIOR FILING DATE: 1992-02-19
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically derived DNA
US-09-164-2498-6

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 TTAATAATACAAAGAGAAAA 5413
Db 2 TTAATAATACAAAGAGAAAA 24

RESULT 40
US-09-536-936-11
; Sequence 11, Application US/09536936
; Patent No. 6346384
; GENERAL INFORMATION:
; APPLICANT: Pollner, Reinhold
; TITLE OF INVENTION: Real Time Monitoring of PCR Using LOCI
; FILE REFERENCE: BEH-7438
; CURRENT APPLICATION NUMBER: US/09/536,936
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide attached to beads
US-09-536-936-11

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 TTAATAATACAAAGAGAAAA 5415
Db 1 TTAATAATACAAAGAGAAAA 23

RESULT 41
US-09-025-639-4
; Sequence 4, Application US/09025639
; Patent No. 6365346
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; APPLICANT: Patel, Rajesh D.
; TITLE OF INVENTION: Quantitative Determination of Nucleic
; TITLE OF INVENTION: Acid Amplification Products
; FILE REFERENCE: BEH-7408
; CURRENT APPLICATION NUMBER: US/09/025,639
; CURRENT FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```

; FEATURE:
; NAME/KEY: misc_binding
; LOCATION: (1)...(24)
; OTHER INFORMATION: Synthetic DNA Probe
US-09-025-639-4

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 TTAATAATACAAAGAGAAAA 5415
Db 1 TTAATAATACAAAGAGAAAA 23

RESULT 42
US-09-333-237-4
; Sequence 4, Application US/09333237
; Patent No. 6406667
; GENERAL INFORMATION:
; APPLICANT: Singh, Sharat
; APPLICANT: Ullman, Edwin F.
; TITLE OF INVENTION: Chemiluminescent Compositions For Use In
; FILE REFERENCE: BEH-7383A
; CURRENT APPLICATION NUMBER: US/09/333,237
; CURRENT FILING DATE: 1999-06-15
; PRIOR APPLICATION NUMBER: 09/025,624
; PRIOR FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: detection probe bound to sensitizer particle
US-09-333-237-4

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 TTAATAATACAAAGAGAAAA 5415
Db 1 TTAATAATACAAAGAGAAAA 23

RESULT 43
US-09-475-947A-134/C
; Sequence 134, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: URS00667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 134
; LENGTH: 24
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-134

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 TTAATAATACAAAGAGAAAA 5415
```

COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,809
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,911
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-486-809-50

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
DB 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 37
US-09-183-619-7
Sequence 7, Application US/09183619
Patent No. 6103474
GENERAL INFORMATION:
APPLICANT: DELLINGER, DOUGLAS J.
APPLICANT: DAHM, SUEANN C.
APPLICANT: LESLEY, DIANE D.
APPLICANT: ACH, ROBERT A.
APPLICANT: TROLL, MARK A.
TITLE OF INVENTION: HYBRIDIZATION ASSAY SIGNAL ENHANCEMENT
FILE REFERENCE: 10981619-1
CURRENT APPLICATION NUMBER: US/09/183,619
CURRENT FILING DATE: 1998-10-30
EARLIER APPLICATION NUMBER: 08/735,381
EARLIER FILING DATE: 1996-10-21
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO: 7
LENGTH: 24
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: poly A-RNA target
US-09-183-619-7

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAATACAAAAAGAAAAA 5415
DB 1 AAAAAAAAAAAAAAAAAAAAAA 23

DB 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 38
US-09-201-674-1
Sequence 1, Application US/09201674
Patent No. 6110682
GENERAL INFORMATION:
APPLICANT: Dellinger, Douglas J.
Dahm, Sueann
Troll, Mark
TITLE OF INVENTION: SIGNAL ENHANCEMENT METHOD AND KIT
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSER: Hewlett-Packard Company, Legal Dept.,
Intellectual Property
STREET: 1501 Page Mill Road, MS 4U-10
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1126
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/201,674
FILING DATE: 30-NOV-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/735,381
FILING DATE: 21-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10950427-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-857-4125
TELEFAX: 650-852-8063
TELEX: 348-461
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: mRNA
HYPOTHETICAL: YES
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-201-674-1

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
DB 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 39
US-09-164-249B-6
Sequence 6, Application US/09164249B
Patent No. 6322971
GENERAL INFORMATION:
APPLICANT: Chetverin, Alexander B.
APPLICANT: Kramer, Fred Russell
TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,
ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
FILE REFERENCE: 07763-004003
CURRENT APPLICATION NUMBER: US/09/164,249B

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Cortuzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-486-421-50

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 34
US-08-470-911-50
; Sequence 50, Application US/08470911
; Patent No. 5756684
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,911
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Cortuzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-470-911-50

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23
```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Cortuzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-470-911-50

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 35
US-08-735-381-1
; Sequence 1, Application US/08735381
; Patent No. 5853993
; GENERAL INFORMATION:
; APPLICANT: Dellinger, Douglas J.
; APPLICANT: Dahm, Sueann
; APPLICANT: Troll, Mark
; TITLE OF INVENTION: SIGNAL ENHANCEMENT METHOD AND KIT
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hewlett-Packard Company, Legal Dept.,
; STREET: 1501 Page Mill Road, MS 4U-10
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1126
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/735,381
; FILING DATE: 21-OCT-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10950427-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-857-4125
; TELEFAX: 650-852-8063
; TELEX: 348-461
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: mRNA
; HYPOTHEICAL: YES
; ANTI-SENSE: NO
; US-08-735-381-1

Query Match          0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 36
US-08-486-809-50
; Sequence 50, Application US/08486809
; Patent No. 5869622
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
```

COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/869,933
FILING DATE: 19920416
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 40399/154 NIH
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
TELEFAX: (703)683-4109
TELEX: 899149
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-869-933-7

Query Match 0.3%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5395 AAAAAATCAAAAAAGAAAAATG 5417
DB 1 AATRAAACAAAAAAGAAAAATG 23

RESULT 31
US-09-103-663-7
Sequence 7, Application US/09103663D
Patent No. 6171803
GENERAL INFORMATION:
APPLICANT: Kinet et al.
TITLE OF INVENTION: Isolation, characterization, and use of the human beta
TITLE OF INVENTION: subunit of the high affinity receptor for
TITLE OF INVENTION: immunoglobulin E.
FILE REFERENCE: 50490
CURRENT APPLICATION NUMBER: US/09/103,663D
CURRENT FILING DATE: 1998-06-23
EARLIER APPLICATION NUMBER: 07/869,933
EARLIER FILING DATE: 1992-04-16
NUMBER OF SEQ ID NOS: 35
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 7
LENGTH: 23
TYPE: DNA
ORGANISM: Homo sapiens
US-09-103-663-7

Query Match 0.3%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5395 AAAAAATCAAAAAAGAAAAATG 5417
DB 1 AATRAAACAAAAAAGAAAAATG 23

RESULT 32
US-08-014-943A-25
Sequence 25, Application US/08014943A
Patent No. 5545551
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.

APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: Cloning And Expression Of Pur Protein
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSER: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/014,943A
FILING DATE: 02/FEB/1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-033
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNTE
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-014-943A-25

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAAAA 5415
DB 1 AAAAAAAGAAAAAAGAAAAA 23

RESULT 33
US-08-486-421-50
Sequence 50, Application US/08486421
Patent No. 5672479
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSER: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,421
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,911
FILING DATE: 06-JUN-1995

```
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1575
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13291
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-13291
```

```
Query Match 0.3%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 3475 AGCAGACGAAACCAAGTGTATGA 3499
Db 1 AGCAGAGTGAAGCAAGTGTATGA 25
```

```
RESULT 27
US-09-527-345-6/c
; Sequence 6, Application US/09527345
; Patent No. 6331413
; GENERAL INFORMATION:
; APPLICANT: Shepard, Paul O.
; TITLE OF INVENTION: SECRETED SALIVARY ZS1G63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/527,345
; PRIOR FILING DATE: 1999-03-17
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
US-09-527-345-6
```

```
Query Match 0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5392 TAAATAATCAAAAAAGAAAAA 5415
Db 26 BAAAAAAGAAAAAAGAAAAA 3
```

```
RESULT 28
US-09-167-513-10/c
; Sequence 10, Application US/09167513
; Patent No. 6388064
```

```
; GENERAL INFORMATION:
; APPLICANT: Conklin, Darrell C.
; TITLE OF INVENTION: A HUMAN 2-19 PROTEIN HOMOLOGUE, Z219A
; FILE REFERENCE: 97-63
; CURRENT APPLICATION NUMBER: US/09/167,513
; PRIOR FILING DATE: 1998-10-06
; EARLIER APPLICATION NUMBER: US 60/061,712
; PRIOR FILING DATE: 1997-10-06
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
US-09-167-513-10
```

```
Query Match 0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5392 TAAATAATCAAAAAAGAAAAA 5415
Db 26 BAAAAAAGAAAAAAGAAAAA 3
```

```
RESULT 29
US-09-161-939A-43/c
; Sequence 43, Application US/09161939A
; Patent No. 6486299
; GENERAL INFORMATION:
; APPLICANT: Shinkels, Richard A.
; TITLE OF INVENTION: Genes and Proteins Predictive and Therapeutic for
; FILE REFERENCE: 15966-527
; CURRENT APPLICATION NUMBER: US/09/161,939A
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligo(dT)<25>V
US-09-161-939A-43
```

```
Query Match 0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5392 TAAATAATCAAAAAAGAAAAA 5415
Db 26 BAAAAAAGAAAAAAGAAAAA 3
```

```
RESULT 30
US-07-869-933-7
; Sequence 7, Application US/07869933
; Patent No. 5770396
; GENERAL INFORMATION:
; APPLICANT: KINET, Jean-Pierre
; TITLE OF INVENTION: ISOLATION, CHARACTERIZATION, AND USE OF
; TITLE OF INVENTION: THE HUMAN B SUBUNIT OF THE HIGH AFFINITY RECEPTOR FOR
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
```



```
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/805,631A
FILING DATE: 26-FEB-97
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/393,439
FILING DATE: 23-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/047,860
FILING DATE: 15-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: SANDBERG, VICTORIA A.
REGISTRATION NUMBER: 41,287
REFERENCE/DOCKET NUMBER: 220,00010140
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1226
TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
US-08-805-631A-5
```

```
Query Match 0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 5393 AAAAAATGCAAAAGAAAA 5414
Db 5 AAAAAAACAAAAA 26
```

```
RESULT 24
US-09-569-344-5
Sequence 5, Application US/09569344
Patent No. 6368802
GENERAL INFORMATION:
APPLICANT: UNIVERSITY OF ROCHESTER
TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND
DNA
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
ADDRESS: MEETING, RAASCH & GEBHARDT, P.A.
STREET: 119 No. 6368802th Fourth Street, Suite 201
CITY: Minneapolis
STATE: Minnesota
COUNTRY: USA
ZIP: 55401
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/569,344
FILING DATE: 11-May-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/805,631
FILING DATE: 26-FEB-97
APPLICATION NUMBER: US 08/393,439
FILING DATE: 23-FEB-1995
APPLICATION NUMBER: US 08/047,860
FILING DATE: 15-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: SANDBERG, VICTORIA A.
REGISTRATION NUMBER: 41,287
REFERENCE/DOCKET NUMBER: 220,00010140
```

```
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1226
TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-569-344-5
```

```
Query Match 0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 5393 AAAAAATGCAAAAGAAAA 5414
Db 5 AAAAAAACAAAAA 26
```

```
RESULT 25
US-09-827-998-1153
Sequence 1153, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMRP-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeonica Sequence Listing Engine
Patent No. 6656700
SEQ ID NO 1153
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-1153
```

```
Query Match 0.3%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 5410 AAAAAATGAAATTAAGAAATAGA 5434
Db 1 AAGAAATGAAATTAAGAAATAGA 25
```

```
RESULT 26
US-09-866-108A-13291
Sequence 13291, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: SHANNON, Mark
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 1103:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 27 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
;   OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 1103:
US-09-225-201B-1103

Query Match      0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 97;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      118 CTTGCAGCTCAGGCTTGATCTCAGGA 144
Db      27 CTTGCCGCTCAGAGATTGAGATGAGGA 1

RESULT 20
US-09-750-401-17/c
; Sequence 17, Application US/09750401
; Patent No. 6635422
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; FILE REFERENCE: RAN-001
; CURRENT APPLICATION NUMBER: US/09/750,401
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-09-750-401-17

Query Match      0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 86;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5394 AAAAAATACAAAAAGAAAAA 5415
Db      22 AAAAAATACAAAAATATAAAAA 1

RESULT 21
US-09-750-401-19/c
; Sequence 19, Application US/09750401
; Patent No. 6635422
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; FILE REFERENCE: RAN-001
; CURRENT APPLICATION NUMBER: US/09/750,401
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28

```

```

; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-09-750-401-19

Query Match      0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 86;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5394 AAAAAATACAAAAAGAAAAA 5415
Db      22 AAAAAATACAAAAATATAAAAA 1

RESULT 22
US-08-910-632-5
; Sequence 5, Application US/08910632B
; Patent No. 6077668
; GENERAL INFORMATION:
; APPLICANT: KOOL, ERIC T.
; TITLE OF INVENTION: HIGHLY SENSITIVE MULTIMERIC NUCLEIC ACID PROBES
; FILE REFERENCE: 220,00010130
; CURRENT APPLICATION NUMBER: US/08/910,632B
; PRIOR FILING DATE: 1997-08-13
; EARLIER APPLICATION NUMBER: 08/805,631
; EARLIER FILING DATE: 1997-02-26
; EARLIER APPLICATION NUMBER: 08/393,439
; EARLIER FILING DATE: 1995-02-23
; EARLIER APPLICATION NUMBER: 08/047,860
; EARLIER FILING DATE: 1993-04-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic AS83 DNA nanocircle
US-08-910-632-5

Query Match      0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAAAAA 5414
Db      5 AAAAAAAACAAAAAATAAAAAA 26

RESULT 23
US-08-805-631A-5
; Sequence 5, Application US/08805631A
; Patent No. 6096880
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF ROCHESTER
; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND
; TITLE OF INVENTION: DNA
; NUMBER OF SEQUENCES: 72
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MUEITING, RAASCH & GEBHARDT, P.A.
; STREET: 119 No. 6096880th Fourth Street, Suite 201
; CITY: Minneapolis
; STATE: Minnesota
; COUNTRY: USA
; ZIP: 55401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible

```

Patent No. 5994076
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
APPLICANT: Jokhadze, George
APPLICANT: Bibilashvili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/859,998
FILING DATE: 21-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 1103:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
US-08-859-998-1103
Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 97;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 118 CTTGCAGCTCAAGGTTGATCTCAGGA 144
DB 27 CTTGCCGCTCAAGATTGAGATGAGGA 1

RESULT 18
US-09-225-928-1103/c
Sequence 1103, Application US/09225928
Patent No. 6352829
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
APPLICANT: Jokhadze, George
APPLICANT: Bibilashvili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,928
FILING DATE: 05-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 1103:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
US-09-225-928-1103
Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 97;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 118 CTTGCAGCTCAAGGTTGATCTCAGGA 144
DB 27 CTTGCCGCTCAAGATTGAGATGAGGA 1

RESULT 19
US-09-225-201B-1103/c
Sequence 1103, Application US/09225201B
Patent No. 6489455
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
APPLICANT: Jokhadze, George
APPLICANT: Bibilashvili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,201B
FILING DATE: 05-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001

```
; Patent No. 6605272
; GENERAL INFORMATION:
; APPLICANT: No. 6605272ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprechter, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA1 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923, 246
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522, 217
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-923-246-38
```

```
Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 85;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 5392 TAAATAATACAAAAAGAAAAA 5415
DB 26 TAAAAAAAAAAAAAAAAAAAAA 3
```

```
RESULT 15
US-10-295-723-38/c
; Sequence 38, Application US/10295723
; Patent No. 6686178
; GENERAL INFORMATION:
; APPLICANT: No. 6686178ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprechter, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA1 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/295, 723
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/522, 217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 26
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-10-295-723-38
```

```
Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 85;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 5392 TAAATAATACAAAAAGAAAAA 5415
DB 26 TAAAAAAAAAAAAAAAAAAAAA 3
```

```
RESULT 16
US-08-208-486-79
; Sequence 79, Application US/08208486
; Patent No. 538531
; GENERAL INFORMATION:
; APPLICANT: Ito, Junetsu
; APPLICANT: Yoo, Seung-Ku
; TITLE OF INVENTION: METHODS TO REPLICATE DNA IN VITRO USING
; TITLE OF INVENTION: PRD1-CATALYZED DNA REPLICATION SYSTEMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cahill, Sutron & Thomas
; STREET: 155 Park One, 2141 E. Highland Ave.
; CITY: Phoenix
; STATE: Arizona
; COUNTRY: U.S.A.
; ZIP: 85016
```

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 1.2 Mb
COMPUTER: Packard Bell (IBM PC/AT compatible)
OPERATING SYSTEM: MS-Dos, Version 5.0
SOFTWARE: WordPerfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/208, 486
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
```

```
APPLICATION NUMBER: 07/869, 916
FILING DATE: April 14, 1992
APPLICATION NUMBER: Japan 240525/91
FILING DATE: August 26, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Janelle Faunce Raupp
REGISTRATION NUMBER: 30,485
REFERENCE/DOCKET NUMBER: #3954-A-7
TELECOMMUNICATION INFORMATION:
TELEPHONE: (602) 956-7000
TELEFAX: (602) 495-9475
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid (synthetic DNA)
US-08-208-486-79
```

```
Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 97;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY 5389 AATTAAAAATACAAAAAGAAAAA 5415
DB 1 AAAAAAAAAAAAAAAAAAAAAA 27
```

```
RESULT 17
US-08-859-998-1103/c
; Sequence 1103, Application US/08859998
```

APPLICATION NUMBER: WO FR95/01468
FILING DATE: 08-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: Savitzky Esq., Martin F.
REGISTRATION NUMBER: 29,639
REFERENCE/DOCKET NUMBER: ST94090-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-3816
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotide"
US-08-860-038-19

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 85;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAATCA 1203
Db 26 AGAGAGAGAGAGAGAGAGAGCA 3

RESULT 11
US-09-522-217-38/c
Sequence 38, Application US/09522217
Patent No. 6307024
GENERAL INFORMATION:
APPLICANT: No. 6307024ak, Julia E.
APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL1 LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/09/522,217
CURRENT FILING DATE: 2000-03-09
EARLIER APPLICATION NUMBER: US 60/123,547
EARLIER FILING DATE: 1999-03-09
EARLIER APPLICATION NUMBER: US 60/123,904
EARLIER FILING DATE: 1999-03-11
EARLIER APPLICATION NUMBER: US 60/142,013
EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 38
LENGTH: 26
TYPE: DNA
FEATURE:
ORGANISM: Artificial Sequence
OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-522-217-38

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 85;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATTCAAAAAAGAAAAA 5415
Db 26 TAAAAAATTCAAAAAAGAAAAA 3

RESULT 12

US-09-580-923-19/c
Sequence 19, Application US/09580923
Patent No. 6319672
GENERAL INFORMATION:
APPLICANT: Crouzet, Joel
APPLICANT: Scherman, Daniel
APPLICANT: Wils, Pierre
APPLICANT: Cameron, Beatrice
APPLICANT: Blanche, Francis
TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN
IMMOBILIZED OLIGONUCLEOTIDE
FILE REFERENCE: 03804.0138-01
CURRENT APPLICATION NUMBER: US/09/580,923
CURRENT FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 08/860,038
PRIOR FILING DATE: 1997-06-09
PRIOR APPLICATION NUMBER: PCT/FR95/01468
PRIOR FILING DATE: 1995-11-08
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patencin Ver. 2.1
SEQ ID NO 19
LENGTH: 26
TYPE: DNA
FEATURE:
ORGANISM: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence:
US-09-580-923-19

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 85;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAATCA 1203
Db 26 AGAGAGAGAGAGAGAGAGAGCA 3

RESULT 13
US-09-527-345-7/c
Sequence 7, Application US/09527345
Patent No. 6331413
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Adler, David A.
TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
FILE REFERENCE: 97-71
CURRENT APPLICATION NUMBER: US/09/527,345
CURRENT FILING DATE: 1999-03-17
PRIOR APPLICATION NUMBER: US 60/124,820
PRIOR FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 7
LENGTH: 26
TYPE: DNA
FEATURE:
ORGANISM: Artificial Sequence
OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-527-345-7

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 85;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATTCAAAAAAGAAAAA 5415
Db 26 TAAAAAATTCAAAAAAGAAAAA 3

RESULT 14
US-09-923-246-38/c
Sequence 38, Application US/09923246

RESULT 7
US-10-042-193A-2
; Sequence 2, Application US/10042193A
; Patent No. 6743588
; GENERAL INFORMATION:
; APPLICANT: TAKUNAGA, TAKUMI
; APPLICANT: ISHIGURO, TAKAHIKO
; APPLICANT: HORIE, RYUICHI
; TITLE OF INVENTION: NOVEL FLOURSCEN DYE AND METHOD OF MEASURING NUCLEIC ACID
; FILE REFERENCE: 218077USO
; CURRENT APPLICATION NUMBER: US/10/042,193A
; CURRENT FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: JP 2001-003432
; PRIOR FILING DATE: 2001-01-11
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-042-193A-2

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 44;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAGAGAAAAATGAAAA 5421
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 8
US-09-475-947A-153/c
; Sequence 153, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTS00667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 153
; LENGTH: 27
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-153

Query Match 0.4%; Score 20.6; DB 1; Length 27;
Best Local Similarity 85.2%; Pred. No. 47;
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5389 AATTAAATAATACAAAGAGAAAAA 5415
Db 27 AATTAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 9
US-08-621-914A-1/c
; Sequence 1, Application US/08621914A
; Patent No. 5707807
; GENERAL INFORMATION:
; APPLICANT: KATO, KIKUYA
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
; ANALYSIS
; NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:
; ADDRESS: PENNIE & EDMONDS
; STREET: 1155 AVENUE OF THE AMERICAS
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
; FILING DATE: 26-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAWRENCE III, STANTON T.
; REGISTRATION NUMBER: 25,736
; REFERENCE/DOCKET NUMBER: 7005-107-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
US-08-621-914A-1

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 85;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAATAATACAAAGAGAAAAA 5415
Db 26 TAAAAAAAAAAAAAAAAAAAAAAA 3

RESULT 10
US-08-860-038-19/c
; Sequence 19, Application US/08860038
; Patent No. 6287762
; GENERAL INFORMATION:
; APPLICANT: CROUZET, Joel
; APPLICANT: SCHERMAN, Daniel
; TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION
; TITLE OF INVENTION: WITH AN IMMOBILIZED OLIGONUCLEOTIDE
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESS: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mailstop 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/860,038
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 94/15162
; FILING DATE: 16-DEC-1994
; PRIOR APPLICATION DATA:

OTHER INFORMATION: Description of Artificial Sequence: made by humans
US-09-083-123-3

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 44;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAAAATGAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 4
US-09-083-123-7

Sequence 7, Application US/09083123
Patent No. 6326143
GENERAL INFORMATION:
APPLICANT: Seeger, Corina
TITLE OF INVENTION: Method for Generating Multiple Double Stranded Nucleic
FILE REFERENCE: sequence listing
CURRENT APPLICATION NUMBER: US/09/083.123
CURRENT FILING DATE: 1998-05-22
EARLIER APPLICATION NUMBER: EP 95118600.6
EARLIER FILING DATE: 1995-11-25
EARLIER APPLICATION NUMBER: PCT/EP96/05149
EARLIER FILING DATE: 1996-11-22
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 7
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: made by humans
US-09-083-123-7

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 44;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAAAATGAAA 5421
DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 5
US-08-882-649A-10

Sequence 10, Application US/08882649A
Patent No. 6344316
GENERAL INFORMATION:
APPLICANT: Lockhart, David J.
Chee, Mark
Gunderson, Kevin
Chaoqiang, Lai
Modicks, Lisa
Cronlin, Maureen T.
Lee, Danny
Tran, Huu M.
Matsumaki, Hajime
McGall, Glenn H.
TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Joe Liebeschuetz
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/882,649A
FILING DATE: 25-Jun-1997
CLASSIFICATION: 435-006.000

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/010,471
FILING DATE: 23-JAN-1996
APPLICATION NUMBER: US 60/035,170
FILING DATE: 09-JAN-1997
APPLICATION NUMBER: PCT/US97/01603
FILING DATE: 22-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 018547-019410US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
FEATURES:
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-08-882-649A-10

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 44;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAAAATGAAA 5421
DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 6
US-10-042-193A-1/C

Sequence 1, Application US/10042193A
Patent No. 6743588
GENERAL INFORMATION:
APPLICANT: TAKUNAGA, TAKUMI
APPLICANT: ISHIGURO, TAKAHIKO
APPLICANT: HORIE, RYUICHI
TITLE OF INVENTION: NOVEL FLOURESCEN DYE AND METHOD OF MEASURING NUCLEIC ACID
FILE REFERENCE: 218077US0
CURRENT APPLICATION NUMBER: US/10/042,193A
CURRENT FILING DATE: 2002-01-11
PRIOR APPLICATION NUMBER: JP 2001-003432
PRIOR FILING DATE: 2001-01-11
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-10-042-193A-1

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 44;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAAAAATGAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAA 2

C1421 13.2 0.2 18 1 US-09-377-502-44 Sequence 44, Appl
C1422 13.2 0.2 18 1 PCT-US94-05407-4 Sequence 4, Appl
C1423 13.2 0.2 18 1 PCT-US94-05407-5 Sequence 5, Appl
C1424 13.2 0.2 18 1 PCT-US95-08605-29 Sequence 29, Appl
C1425 13.2 0.2 18 1 PCT-US95-13142-27 Sequence 27, Appl
C1426 13.2 0.2 18 1 PCT-US96-01473-2 Sequence 2, Appl
C1427 13.2 0.2 18 1 PCT-US96-01473-4 Sequence 4, Appl

ALIGNMENTS

RESULT 1
US-08-433-505-9
; Sequence 9, Application US/08433505
; Patent No. 5695936
; GENERAL INFORMATION:
; APPLICANT: MANDRAND, Bernard
; APPLICANT: CROS, Philippe
; APPLICANT: DELAIR, Thierry
; APPLICANT: CHARLES, Marie-Helene
; APPLICANT: EROUT, Marie-No. 569593611e
; APPLICANT: PICHOT, Christian
; APPLICANT: TONNELIER, Jean-Claude
; TITLE OF INVENTION: REAGENT AND METHOD FOR THE DETECTION OF
; TITLE OF INVENTION: A NUCLEOTIDE SEQUENCE WITH SIGNAL AMPLIFICATION
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: OLIF & BERRIDGE
; STREET: P.O. Box 19928
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22320
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/433,505
; FILING DATE: 12-MAY-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BERRIDGE, WILLIAM P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 36349
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-433-505-9
Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 44;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

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DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 2
US-08-870-730-9
; Sequence 9, Application US/08870730
; Patent No. 6017707
; GENERAL INFORMATION:

APPLICANT: MANDRAND, Bernard
APPLICANT: CROS, Philippe
APPLICANT: DELAIR, Thierry
APPLICANT: CHARLES, Marie-Helene
APPLICANT: EROUT, Marie-No. 601770711e
APPLICANT: PICHOT, Christian
TITLE OF INVENTION: REAGENT AND METHOD FOR THE DETECTION OF
TITLE OF INVENTION: A NUCLEOTIDE SEQUENCE WITH SIGNAL AMPLIFICATION
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESSES:
ADDRESSEE: OLIF & BERRIDGE, PLC
STREET: P.O. Box 19928
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22320
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/870,730
FILING DATE: 06-JUN-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BERRIDGE, WILLIAM P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36349A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-870-730-9
Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 44;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAGAAAAATGAAA 5421
DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 3
US-09-083-123-3/C
; Sequence 3, Application US/09083123
; Patent No. 6326143
; GENERAL INFORMATION:
; APPLICANT: Orum, Hendrik
; APPLICANT: Seeger, Corina
; TITLE OF INVENTION: Method for Generating Multiple Double Stranded Nucleic
; TITLE OF INVENTION: Acids
; FILE REFERENCE: sequence listing
; CURRENT APPLICATION NUMBER: US/09/083,123
; CURRENT FILING DATE: 1998-05-22
; EARLIER APPLICATION NUMBER: EP 95118600.6
; EARLIER FILING DATE: 1995-11-25
; EARLIER APPLICATION NUMBER: PCT/EP96/05149
; EARLIER FILING DATE: 1996-11-22
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

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c1276	13.2	0.2	18	1	US-08-358-556A-18	Sequence 18, Appl	c1349	13.2	0.2	18	1	US-09-514-422-4	Sequence 4, Appl
c1277	13.2	0.2	18	1	US-08-471-969-13	Sequence 13, Appl	c1350	13.2	0.2	18	1	US-08-996-533-13	Sequence 13, Appl
c1278	13.2	0.2	18	1	US-08-471-969-15	Sequence 15, Appl	c1351	13.2	0.2	18	1	US-09-521-144-34	Sequence 34, Appl
c1279	13.2	0.2	18	1	US-08-471-969-28	Sequence 28, Appl	c1352	13.2	0.2	18	1	US-09-257-580-10	Sequence 10, Appl
c1280	13.2	0.2	18	1	US-08-384-137-13	Sequence 13, Appl	c1353	13.2	0.2	18	1	US-08-991-292A-24	Sequence 24, Appl
c1281	13.2	0.2	18	1	US-08-384-137-15	Sequence 15, Appl	c1354	13.2	0.2	18	1	US-08-891-292A-39	Sequence 39, Appl
c1282	13.2	0.2	18	1	US-08-384-137-28	Sequence 28, Appl	c1355	13.2	0.2	18	1	US-09-302-620B-18	Sequence 18, Appl
c1283	13.2	0.2	18	1	US-08-469-852A-4	Sequence 4, Appl	c1356	13.2	0.2	18	1	US-09-651-656-62	Sequence 62, Appl
c1284	13.2	0.2	18	1	US-08-585-684B-2556	Sequence 2556, Ap	c1357	13.2	0.2	18	1	US-09-651-656-64	Sequence 64, Appl
c1285	13.2	0.2	18	1	US-08-320-306-1	Sequence 1, Appl	c1358	13.2	0.2	18	1	US-09-133-411-13	Sequence 13, Appl
c1286	13.2	0.2	18	1	US-08-912-129A-33	Sequence 33, Appl	c1359	13.2	0.2	18	1	US-09-133-411-15	Sequence 15, Appl
c1287	13.2	0.2	18	1	US-08-488-209B-1	Sequence 1, Appl	c1360	13.2	0.2	18	1	US-09-133-411-28	Sequence 28, Appl
c1288	13.2	0.2	18	1	US-08-408-011-1	Sequence 1, Appl	c1361	13.2	0.2	18	1	US-09-218-207-39	Sequence 39, Appl
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c1290	13.2	0.2	18	1	US-09-213-767-33	Sequence 33, Appl	c1363	13.2	0.2	18	1	US-09-357-740-6	Sequence 6, Appl
c1291	13.2	0.2	18	1	US-09-205-922-12	Sequence 12, Appl	c1364	13.2	0.2	18	1	US-09-026-601-18	Sequence 18, Appl
c1292	13.2	0.2	18	1	US-09-205-922-44	Sequence 44, Appl	c1365	13.2	0.2	18	1	US-09-650-855-62	Sequence 62, Appl
c1293	13.2	0.2	18	1	US-08-787-902A-2	Sequence 2, Appl	c1366	13.2	0.2	18	1	US-09-650-855-64	Sequence 64, Appl
c1294	13.2	0.2	18	1	US-09-205-304-34	Sequence 34, Appl	c1367	13.2	0.2	18	1	US-09-205-995-48	Sequence 48, Appl
c1295	13.2	0.2	18	1	US-08-470-006A-13	Sequence 13, Appl	c1368	13.2	0.2	18	1	US-09-205-995-61	Sequence 61, Appl
c1296	13.2	0.2	18	1	US-08-470-006A-15	Sequence 15, Appl	c1369	13.2	0.2	18	1	US-09-019-793B-79	Sequence 79, Appl
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c1298	13.2	0.2	18	1	US-09-197-360-35	Sequence 35, Appl	c1371	13.2	0.2	18	1	US-09-856-074B-35	Sequence 35, Appl
c1299	13.2	0.2	18	1	US-09-256-496-73	Sequence 73, Appl	c1372	13.2	0.2	18	1	US-09-167-109-167	Sequence 167, App
c1300	13.2	0.2	18	1	US-08-691-563C-13	Sequence 13, Appl	c1373	13.2	0.2	18	1	US-09-545-225-9	Sequence 9, Appl
c1301	13.2	0.2	18	1	US-08-691-563C-15	Sequence 15, Appl	c1374	13.2	0.2	18	1	US-09-619-103-24	Sequence 24, Appl
c1302	13.2	0.2	18	1	US-08-691-563C-28	Sequence 28, Appl	c1375	13.2	0.2	18	1	US-08-275-951-32	Sequence 32, Appl
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c1304	13.2	0.2	18	1	US-09-205-921-12	Sequence 12, Appl	c1377	13.2	0.2	18	1	US-09-322-400-17	Sequence 17, Appl
c1305	13.2	0.2	18	1	US-09-205-921-28	Sequence 28, Appl	c1378	13.2	0.2	18	1	US-09-451-527-17	Sequence 17, Appl
c1306	13.2	0.2	18	1	US-09-205-921-31	Sequence 31, Appl	c1379	13.2	0.2	18	1	US-09-431-385-19	Sequence 19, Appl
c1307	13.2	0.2	18	1	US-09-255-911-23	Sequence 23, Appl	c1380	13.2	0.2	18	1	US-09-920-760-19	Sequence 19, Appl
c1308	13.2	0.2	18	1	US-08-462-947-27	Sequence 27, Appl	c1381	13.2	0.2	18	1	US-09-920-760-35	Sequence 35, Appl
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c1310	13.2	0.2	18	1	US-09-358-381-10	Sequence 10, Appl	c1383	13.2	0.2	18	1	US-09-280-030-28	Sequence 28, Appl
c1311	13.2	0.2	18	1	US-08-858-876A-9	Sequence 9, Appl	c1384	13.2	0.2	18	1	US-09-319-588C-55	Sequence 55, Appl
c1312	13.2	0.2	18	1	US-09-339-964-42	Sequence 42, Appl	c1385	13.2	0.2	18	1	US-09-422-978-580	Sequence 580, Ap
c1313	13.2	0.2	18	1	US-09-189-760-4	Sequence 4, Appl	c1386	13.2	0.2	18	1	US-09-422-978-586C	Sequence 586, Ap
c1314	13.2	0.2	18	1	US-09-188-811-4	Sequence 4, Appl	c1387	13.2	0.2	18	1	US-09-422-978-5872	Sequence 5872, Ap
c1315	13.2	0.2	18	1	US-08-859-167-7	Sequence 7, Appl	c1388	13.2	0.2	18	1	US-09-422-978-6975	Sequence 6975, Ap
c1316	13.2	0.2	18	1	US-09-339-993-35	Sequence 35, Appl	c1389	13.2	0.2	18	1	US-09-422-978-7557	Sequence 7557, Ap
c1317	13.2	0.2	18	1	US-09-256-465-44	Sequence 44, Appl	c1390	13.2	0.2	18	1	US-09-422-978-7558	Sequence 7558, Ap
c1318	13.2	0.2	18	1	US-08-295-509B-4	Sequence 4, Appl	c1391	13.2	0.2	18	1	US-09-422-978-7849	Sequence 7849, Ap
c1319	13.2	0.2	18	1	US-09-344-579-32	Sequence 32, Appl	c1392	13.2	0.2	18	1	US-09-422-978-8202	Sequence 8202, Ap
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c1321	13.2	0.2	18	1	US-08-765-626-29	Sequence 29, Appl	c1394	13.2	0.2	18	1	US-09-422-978-9179	Sequence 9179, Ap
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c1323	13.2	0.2	18	1	US-08-867-381A-34	Sequence 34, Appl	c1396	13.2	0.2	18	1	US-09-927-737C-24	Sequence 24, Appl
c1324	13.2	0.2	18	1	US-08-872-817-1	Sequence 1, Appl	c1397	13.2	0.2	18	1	US-09-927-737C-39	Sequence 39, Appl
c1325	13.2	0.2	18	1	US-08-941-445A-30	Sequence 30, Appl	c1398	13.2	0.2	18	1	US-09-923-450-7	Sequence 7, Appl
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c1327	13.2	0.2	18	1	US-09-205-143-57	Sequence 57, Appl	c1400	13.2	0.2	18	1	US-09-374-766-15	Sequence 15, Appl
c1328	13.2	0.2	18	1	US-09-280-409-49	Sequence 49, Appl	c1401	13.2	0.2	18	1	US-09-374-766-28	Sequence 28, Appl
c1329	13.2	0.2	18	1	US-09-280-409-93	Sequence 93, Appl	c1402	13.2	0.2	18	1	US-08-979-847B-13	Sequence 13, Appl
c1330	13.2	0.2	18	1	US-09-289-466-65	Sequence 65, Appl	c1403	13.2	0.2	18	1	US-09-585-174-25	Sequence 25, Appl
c1331	13.2	0.2	18	1	US-09-289-466-75	Sequence 75, Appl	c1404	13.2	0.2	18	1	US-09-693-011-7	Sequence 7, Appl
c1332	13.2	0.2	18	1	US-09-054-830-19	Sequence 19, Appl	c1405	13.2	0.2	18	1	US-09-370-541-14	Sequence 14, Appl
c1333	13.2	0.2	18	1	US-09-200-990-13	Sequence 13, Appl	c1406	13.2	0.2	18	1	US-09-559-306-50	Sequence 50, Appl
c1334	13.2	0.2	18	1	US-09-200-990-15	Sequence 15, Appl	c1407	13.2	0.2	18	1	US-09-367-513-3	Sequence 3, Appl
c1335	13.2	0.2	18	1	US-09-200-990-28	Sequence 28, Appl	c1408	13.2	0.2	18	1	US-09-747-391-201	Sequence 201, App
c1336	13.2	0.2	18	1	US-09-038-073-2556	Sequence 2556, Ap	c1409	13.2	0.2	18	1	US-09-855-793-65	Sequence 65, Appl
c1337	13.2	0.2	18	1	US-09-071-433-81	Sequence 81, Appl	c1410	13.2	0.2	18	1	US-10-125-295-9	Sequence 9, Appl
c1338	13.2	0.2	18	1	US-09-276-993-7	Sequence 7, Appl	c1411	13.2	0.2	18	1	US-10-012-605C-20	Sequence 20, Appl
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c1343	13.2	0.2	18	1	US-09-544-713-65	Sequence 65, Appl	c1416	13.2	0.2	18	1	US-09-544-398B-554	Sequence 554, App
c1344	13.2	0.2	18	1	US-09-338-907-59	Sequence 59, Appl	c1417	13.2	0.2	18	1	US-09-394-311-7	Sequence 7, Appl
c1345	13.2	0.2	18	1	US-09-338-907-360	Sequence 360, App	c1418	13.2	0.2	18	1	US-09-601-326-118	Sequence 118, App
c1346	13.2	0.2	18	1	US-09-472-880-9	Sequence 9, Appl	c1419	13.2	0.2	18	1	US-09-142-108B-29	Sequence 29, Appl
c1347	13.2	0.2	18	1	US-09-630-706-94	Sequence 94, Appl	c1420	13.2	0.2	18	1	US-09-856-662-38	Sequence 38, Appl

c1129	13.4	0.2	17	1	US-09-866-108A-7801	Sequence 7801, Ap	1202	13.4	0.2	18	1	US-09-422-978-8412	Sequence 8412, Ap
c1130	13.4	0.2	17	1	US-09-866-108A-7802	Sequence 7802, Ap	1203	13.4	0.2	18	1	US-09-422-978-11781	Sequence 11781, A
1131	13.4	0.2	17	1	US-09-866-108A-7830	Sequence 7830, Ap	1204	13.4	0.2	18	1	US-09-509-654-1	Sequence 1, Appl1
1132	13.4	0.2	17	1	US-09-866-108A-7831	Sequence 7831, Ap	1205	13.4	0.2	18	1	US-09-686-055A-12	Sequence 12, Appl
1133	13.4	0.2	17	1	US-09-866-108A-7832	Sequence 7832, Ap	c1206	13.4	0.2	18	1	US-09-371-772B-4066	Sequence 4066, Ap
1134	13.4	0.2	17	1	US-09-866-108A-8355	Sequence 8355, Ap	1207	13.4	0.2	18	1	US-10-294-203-10	Sequence 10, Appl
1135	13.4	0.2	17	1	US-09-866-108A-8356	Sequence 8356, Ap	1208	13.4	0.2	18	1	US-09-544-398B-510	Sequence 510, App
c1136	13.4	0.2	17	1	US-09-866-108A-8355	Sequence 8355, Ap	c1209	13.4	0.2	18	1	US-09-994-311-6	Sequence 6, Appl1
c1137	13.4	0.2	17	1	US-09-866-108A-8367	Sequence 8367, Ap	1210	13.4	0.2	18	1	US-10-220-587-31	Sequence 31, Appl
c1138	13.4	0.2	17	1	US-09-866-108A-8367	Sequence 8367, Ap	c1211	13.4	0.2	18	1	PCT-US91-03680-74	Sequence 74, Appl
1139	13.4	0.2	17	1	US-09-866-108A-8646	Sequence 8646, Ap	c1212	13.4	0.2	18	1	PCT-US91-03680-154	Sequence 154, Appl
c1140	13.4	0.2	17	1	US-09-866-108A-8646	Sequence 8646, Ap	c1213	13.4	0.2	18	1	PCT-US95-07744A-42	Sequence 42, Appl
1141	13.4	0.2	17	1	US-09-866-108A-8647	Sequence 8647, Ap	1214	13.4	0.2	19	1	US-08-246-583-13	Sequence 13, Appl
c1142	13.4	0.2	17	1	US-09-866-108A-8647	Sequence 8647, Ap	1215	13.4	0.2	19	1	US-08-299-074A-40	Sequence 40, Appl
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1144	13.4	0.2	17	1	US-09-866-108A-9546	Sequence 9546, Ap	c1217	13.4	0.2	19	1	US-09-392-768-18	Sequence 18, Appl
c1145	13.4	0.2	17	1	US-09-866-108A-9649	Sequence 9649, Ap	c1218	13.4	0.2	19	1	US-09-522-600-13	Sequence 13, Appl
c1146	13.4	0.2	17	1	US-09-866-108A-9650	Sequence 9650, Ap	1219	13.4	0.2	19	1	US-09-399-773-40	Sequence 40, Appl
c1147	13.4	0.2	17	1	US-09-866-108A-9650	Sequence 9650, Ap	1220	13.4	0.2	19	1	US-09-564-805-175	Sequence 175, App
c1148	13.4	0.2	17	1	US-09-866-108A-10663	Sequence 10663, A	1221	13.4	0.2	19	1	US-09-636-791A-24	Sequence 24, Appl
c1149	13.4	0.2	17	1	US-09-404-912-75	Sequence 75, Appl	1222	13.4	0.2	19	1	US-09-422-978-11331	Sequence 11331, A
c1150	13.4	0.2	17	1	US-09-404-912-382	Sequence 382, App	c1223	13.4	0.2	19	1	US-09-548-797B-51	Sequence 51, Appl
1151	13.4	0.2	18	1	US-09-591-383-4	Sequence 4, Appl1	c1224	13.4	0.2	19	1	US-09-371-307-85	Sequence 5, Appl1
c1152	13.4	0.2	18	1	US-08-248-848-56	Sequence 56, Appl	c1225	13.4	0.2	19	1	US-09-381-646B-5	Sequence 5, Appl1
1153	13.4	0.2	18	1	US-08-248-848-57	Sequence 57, Appl	c1226	13.4	0.2	19	1	US-09-696-791-198	Sequence 198, App
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c1157	13.4	0.2	18	1	US-08-111-077-56	Sequence 57, Appl	1230	13.4	0.2	19	1	US-09-696-791-2368	Sequence 2368, Ap
1158	13.4	0.2	18	1	US-08-111-077-57	Sequence 57, Appl	c1231	13.4	0.2	19	1	US-09-696-791-2411	Sequence 2411, Ap
1159	13.4	0.2	18	1	US-08-145-617-4	Sequence 4, Appl1	c1232	13.4	0.2	19	1	US-09-696-791-2556	Sequence 2556, Ap
1160	13.4	0.2	18	1	US-08-758-306-509	Sequence 509, App	c1233	13.4	0.2	19	1	US-09-696-791-2557	Sequence 2557, Ap
c1161	13.4	0.2	18	1	US-08-473-481-10	Sequence 10, Appl	c1234	13.4	0.2	19	1	US-09-696-791-2557	Sequence 2557, Ap
c1162	13.4	0.2	18	1	US-08-585-684B-2581	Sequence 2581, Ap	1235	13.4	0.2	19	1	US-09-696-791-2585	Sequence 2585, Ap
1163	13.4	0.2	18	1	US-08-951-648-12	Sequence 12, Appl	1236	13.4	0.2	20	1	5169941-27	Patent No. 5169941
1164	13.4	0.2	18	1	US-08-951-648-12	Sequence 12, Appl	1237	13.4	0.2	20	1	US-09-418-641-32	Sequence 32, Appl
c1165	13.4	0.2	18	1	US-09-156-979-30	Sequence 30, Appl	c1238	13.2	0.2	15	1	US-09-657-472-2069	Sequence 2069, Ap
1166	13.4	0.2	18	1	US-09-161-015-17	Sequence 17, Appl	1239	13.2	0.2	15	1	US-07-822-043-16	Sequence 16, Appl
1167	13.4	0.2	18	1	US-09-161-015-24	Sequence 24, Appl	c1240	13.2	0.2	15	1	US-08-346-455B-16	Sequence 16, Appl
c1168	13.4	0.2	18	1	US-09-166-203-15	Sequence 15, Appl	1241	13.2	0.2	15	1	US-08-346-455B-17	Sequence 17, Appl
1169	13.4	0.2	18	1	US-08-544-381B-57	Sequence 57, Appl	c1242	13.2	0.2	15	1	US-08-977-221-16	Sequence 16, Appl
c1170	13.4	0.2	18	1	US-09-256-465-29	Sequence 29, Appl	1243	13.2	0.2	15	1	US-08-977-221-17	Sequence 17, Appl
c1171	13.4	0.2	18	1	US-09-153-162-36	Sequence 36, Appl	c1244	13.2	0.2	15	1	US-09-483-831B-16	Sequence 16, Appl
c1172	13.4	0.2	18	1	US-09-054-830-14	Sequence 14, Appl	1245	13.2	0.2	15	1	US-09-483-831B-17	Sequence 17, Appl
1173	13.4	0.2	18	1	US-09-174-437-12	Sequence 12, Appl	c1246	13.2	0.2	15	1	PCT-US95-06613-16	Sequence 16, Appl
c1174	13.4	0.2	18	1	US-09-487-444-11	Sequence 11, Appl	1247	13.2	0.2	15	1	PCT-US95-06613-17	Sequence 17, Appl
c1175	13.4	0.2	18	1	US-09-286-407-36	Sequence 36, Appl	c1248	13.2	0.2	16	1	PCT-US91-036980-98	Sequence 98, Appl
1176	13.4	0.2	18	1	US-09-474-922A-67	Sequence 67, Appl	c1249	13.2	0.2	18	1	US-08-388-381-29	Sequence 29, Appl
c1177	13.4	0.2	18	1	US-09-038-073-2581	Sequence 2581, Ap	c1250	13.2	0.2	18	1	US-08-102-567-27	Sequence 27, Appl
c1178	13.4	0.2	18	1	US-09-038-073-2672	Sequence 2672, Ap	1251	13.2	0.2	18	1	US-08-319-836B-27	Sequence 27, Appl
1179	13.4	0.2	18	1	US-09-071-433-14	Sequence 14, Appl	1252	13.2	0.2	18	1	US-08-435-925C-5	Sequence 5, Appl1
c1180	13.4	0.2	18	1	US-09-038-637-142	Sequence 142, App	c1253	13.2	0.2	18	1	US-08-373-124A-2249	Sequence 2249, Ap
1181	13.4	0.2	18	1	US-08-338-352-11	Sequence 11, Appl	1254	13.2	0.2	18	1	US-08-488-212A-1	Sequence 1, Appl1
c1182	13.4	0.2	18	1	US-09-377-309-15	Sequence 15, Appl	1255	13.2	0.2	18	1	US-08-616-398-18	Sequence 15, Appl
1183	13.4	0.2	18	1	US-09-338-907-49	Sequence 49, Appl	c1256	13.2	0.2	18	1	US-08-621-914A-16	Sequence 16, Appl
1184	13.4	0.2	18	1	US-09-338-907-385	Sequence 385, App	c1257	13.2	0.2	18	1	US-08-487-046-5	Sequence 5, Appl1
1185	13.4	0.2	18	1	US-08-778-794A-115	Sequence 115, App	1258	13.2	0.2	18	1	US-08-487-046-6	Sequence 6, Appl1
c1186	13.4	0.2	18	1	US-09-496-694B-45	Sequence 45, Appl	c1259	13.2	0.2	18	1	US-08-483-522-5	Sequence 5, Appl1
1187	13.4	0.2	18	1	US-09-496-694B-85	Sequence 85, Appl	1260	13.2	0.2	18	1	US-08-483-522-6	Sequence 6, Appl1
c1188	13.4	0.2	18	1	US-09-218-207-49	Sequence 49, Appl	1261	13.2	0.2	18	1	US-08-808-303-13	Sequence 13, Appl
1189	13.4	0.2	18	1	US-09-218-207-385	Sequence 385, App	c1262	13.2	0.2	18	1	US-08-471-724-13	Sequence 13, Appl
c1190	13.4	0.2	18	1	US-08-584-040-8410	Sequence 8410, Ap	c1263	13.2	0.2	18	1	US-08-471-724-15	Sequence 15, Appl
1191	13.4	0.2	18	1	US-08-599-738A-10	Sequence 10, Appl	c1264	13.2	0.2	18	1	US-08-471-724-28	Sequence 28, Appl
c1192	13.4	0.2	18	1	US-09-637-751A-6	Sequence 6, Appl1	1265	13.2	0.2	18	1	US-08-758-306-965	Sequence 965, App
c1193	13.4	0.2	18	1	US-09-387-341-91	Sequence 91, Appl	c1266	13.2	0.2	18	1	US-08-758-306-971	Sequence 971, App
1194	13.4	0.2	18	1	US-09-387-341-160	Sequence 160, App	1267	13.2	0.2	18	1	US-08-758-306-995	Sequence 995, App
1195	13.4	0.2	18	1	US-09-387-341-167	Sequence 167, App	1268	13.2	0.2	18	1	US-08-311-486C-1139	Sequence 1139, Ap
1196	13.4	0.2	18	1	US-09-144-367-36	Sequence 36, Appl	c1269	13.2	0.2	18	1	US-08-435-628-2249	Sequence 2249, Ap
c1197	13.4	0.2	18	1	US-09-431-385-14	Sequence 14, Appl	1270	13.2	0.2	18	1	US-08-346-429-3	Sequence 3, Appl1
1198	13.4	0.2	18	1	US-09-077-619-17	Sequence 17, Appl	c1271	13.2	0.2	18	1	US-08-384-324-2	Sequence 2, Appl1
c1199	13.4	0.2	18	1	US-09-422-978-5874	Sequence 5874, Ap	c1272	13.2	0.2	18	1	US-08-384-324-4	Sequence 4, Appl1
1200	13.4	0.2	18	1	US-09-422-978-7435	Sequence 7435, Ap	c1273	13.2	0.2	18	1	US-08-117-952-204	Sequence 204, Appl
c1201	13.4	0.2	18	1	US-09-422-978-7679	Sequence 7679, Ap	1274	13.2	0.2	18	1	US-08-117-952-709	Sequence 709, App

c 983	13.4	0.2	15	1	US-07-976-103A-40	Sequence 40, Appl	1056	13.4	0.2	15	1	US-10-294-203-6	Sequence 6, Appl1
984	13.4	0.2	15	1	US-07-976-103A-49	Sequence 49, Appl	1057	13.4	0.2	15	1	US-10-294-203-12	Sequence 12, Appl
c 985	13.4	0.2	15	1	US-08-426-807-1	Sequence 1, Appl1	c1058	13.4	0.2	15	1	US-10-294-203-40	Sequence 40, Appl
986	13.4	0.2	15	1	US-08-750-007-19	Sequence 19, Appl	1059	13.4	0.2	15	1	US-10-294-203-49	Sequence 49, Appl
987	13.4	0.2	15	1	US-08-311-486C-227	Sequence 227, App	1060	13.4	0.2	15	1	US-09-856-662-78	Sequence 78, Appl
c 988	13.4	0.2	15	1	US-07-892-902-6	Sequence 6, Appl1	c1061	13.4	0.2	16	1	US-08-086-630C-119	Sequence 179, Appl
c 989	13.4	0.2	15	1	US-07-892-902-7	Sequence 7, Appl1	c1062	13.4	0.2	16	1	US-08-086-328C-171	Sequence 171, App
990	13.4	0.2	15	1	US-08-473-481-6	Sequence 4, Appl1	c1063	13.4	0.2	16	1	US-08-282-137C-37	Sequence 37, App
991	13.4	0.2	15	1	US-08-473-481-12	Sequence 6, Appl1	c1064	13.4	0.2	16	1	US-09-531-000-22	Sequence 22, Appl
c 992	13.4	0.2	15	1	US-08-473-481-12	Sequence 12, Appl	c1065	13.4	0.2	16	1	US-09-475-947A-60	Sequence 60, Appl
c 993	13.4	0.2	15	1	US-08-473-481-40	Sequence 40, Appl	1066	13.4	0.2	16	1	US-09-479-005A-461	Sequence 461, App
994	13.4	0.2	15	1	US-08-473-481-49	Sequence 49, Appl	c1067	13.4	0.2	16	1	US-09-155-885A-20	Sequence 20, Appl1
995	13.4	0.2	15	1	US-08-173-489C-61	Sequence 61, Appl	c1068	13.4	0.2	17	1	US-07-874-334-3	Sequence 3, Appl1
c 996	13.4	0.2	15	1	US-08-173-489C-248	Sequence 248, App	1069	13.4	0.2	17	1	US-08-390-850-590	Sequence 590, App
c 997	13.4	0.2	15	1	US-08-483-464-2	Sequence 2, Appl1	c1070	13.4	0.2	17	1	US-08-373-124A-153	Sequence 153, Ap
998	13.4	0.2	15	1	US-08-483-464-6	Sequence 6, Appl1	c1071	13.4	0.2	17	1	US-08-435-634-590	Sequence 590, App
c 999	13.4	0.2	15	1	US-08-740-821-8	Sequence 8, Appl1	c1072	13.4	0.2	17	1	US-08-257-784A-9	Sequence 9, Appl1
c1000	13.4	0.2	15	1	US-08-459-434-1	Sequence 1, Appl1	1073	13.4	0.2	17	1	US-08-758-306-1209	Sequence 1209, Ap
c1001	13.4	0.2	15	1	US-08-863-639A-7	Sequence 7, Appl1	c1074	13.4	0.2	17	1	US-08-435-628-1353	Sequence 1353, Ap
c1002	13.4	0.2	15	1	US-08-832-021-61	Sequence 61, Appl	c1075	13.4	0.2	17	1	US-08-489-066A-13	Sequence 13, Appl
1003	13.4	0.2	15	1	US-08-338-352-5	Sequence 5, Appl1	c1076	13.4	0.2	17	1	US-08-765-783A-79	Sequence 79, Appl
1004	13.4	0.2	15	1	US-08-338-352-7	Sequence 7, Appl1	c1077	13.4	0.2	17	1	US-08-489-072A-13	Sequence 13, Appl
1005	13.4	0.2	15	1	US-08-338-352-13	Sequence 13, Appl	c1078	13.4	0.2	17	1	US-08-825-487A-104	Sequence 104, App
c1006	13.4	0.2	15	1	US-09-202-294-1	Sequence 1, Appl1	c1079	13.4	0.2	17	1	US-08-985-162-185	Sequence 185, App
1007	13.4	0.2	15	1	US-09-081-646-23	Sequence 23, Appl	c1080	13.4	0.2	17	1	US-08-585-162-566	Sequence 566, App
1008	13.4	0.2	15	1	US-08-599-738A-4	Sequence 4, Appl1	c1081	13.4	0.2	17	1	US-09-416-557-79	Sequence 79, Appl
1009	13.4	0.2	15	1	US-08-599-738A-6	Sequence 6, Appl1	c1082	13.4	0.2	17	1	US-08-489-071A-13	Sequence 13, Appl
1010	13.4	0.2	15	1	US-08-599-738A-12	Sequence 12, Appl	1083	13.4	0.2	17	1	US-08-584-040-2093	Sequence 2095, Ap
c1011	13.4	0.2	15	1	US-08-599-738A-40	Sequence 40, Appl	c1084	13.4	0.2	17	1	US-08-584-040-5943	Sequence 5943, Ap
1012	13.4	0.2	15	1	US-08-599-738A-49	Sequence 49, Appl	c1085	13.4	0.2	17	1	US-08-584-040-5944	Sequence 5944, Ap
1013	13.4	0.2	15	1	US-09-400-502-23	Sequence 23, Appl	c1086	13.4	0.2	17	1	US-08-584-040-5945	Sequence 5945, Ap
1014	13.4	0.2	15	1	US-09-400-502-24	Sequence 24, Appl	1087	13.4	0.2	17	1	US-09-480-017-8	Sequence 8, Appl1
c1015	13.4	0.2	15	1	US-08-906-378-9	Sequence 2, Appl1	1088	13.4	0.2	17	1	US-09-474-432B-364	Sequence 364, App
c1016	13.4	0.2	15	1	US-08-906-378-9	Sequence 9, Appl1	c1089	13.4	0.2	17	1	US-09-474-432B-691	Sequence 691, App
c1017	13.4	0.2	15	1	US-09-475-947A-164	Sequence 164, App	1090	13.4	0.2	17	1	US-09-474-432B-884	Sequence 884, App
c1018	13.4	0.2	15	1	US-09-717-422-2	Sequence 2, Appl1	1091	13.4	0.2	17	1	US-09-371-772B-640	Sequence 640, App
c1019	13.4	0.2	15	1	US-09-612-531-4	Sequence 4, Appl1	c1092	13.4	0.2	17	1	US-09-371-772B-2780	Sequence 2780, App
c1020	13.4	0.2	15	1	US-09-612-531-8	Sequence 8, Appl1	c1093	13.4	0.2	17	1	US-09-371-772B-2781	Sequence 2781, App
c1021	13.4	0.2	15	1	US-09-612-531-9	Sequence 9, Appl1	c1094	13.4	0.2	17	1	US-09-371-772B-2782	Sequence 2782, App
c1022	13.4	0.2	15	1	US-09-612-531-10	Sequence 10, Appl	1095	13.4	0.2	17	1	US-09-371-772B-4161	Sequence 4161, Ap
c1023	13.4	0.2	15	1	US-09-612-531-14	Sequence 14, Appl	c1096	13.4	0.2	17	1	US-09-371-772B-4509	Sequence 4509, Ap
c1024	13.4	0.2	15	1	US-09-612-531-15	Sequence 15, Appl	1097	13.4	0.2	17	1	US-09-371-772B-4941	Sequence 4941, Ap
c1025	13.4	0.2	15	1	US-09-612-531-16	Sequence 16, Appl	1098	13.4	0.2	17	1	US-09-371-772B-6465	Sequence 6465, Ap
c1026	13.4	0.2	15	1	US-09-612-531-17	Sequence 17, Appl	c1099	13.4	0.2	17	1	US-09-371-772B-6873	Sequence 6873, Ap
c1027	13.4	0.2	15	1	US-09-612-531-18	Sequence 18, Appl	1100	13.4	0.2	17	1	US-09-371-772B-6929	Sequence 6929, Ap
c1028	13.4	0.2	15	1	US-09-612-531-19	Sequence 19, Appl	1101	13.4	0.2	17	1	US-09-330-785-2	Sequence 2, Appl1
c1029	13.4	0.2	15	1	US-09-612-531-20	Sequence 20, Appl	1102	13.4	0.2	17	1	US-09-476-387-363	Sequence 363, Appl
c1030	13.4	0.2	15	1	US-09-612-531-21	Sequence 21, Appl	c1103	13.4	0.2	17	1	US-09-476-387-690	Sequence 690, App
c1031	13.4	0.2	15	1	US-09-612-531-22	Sequence 22, Appl	1104	13.4	0.2	17	1	US-09-476-387-883	Sequence 883, App
c1032	13.4	0.2	15	1	US-09-612-531-23	Sequence 23, Appl	c1105	13.4	0.2	17	1	US-09-401-063-185	Sequence 185, App
c1033	13.4	0.2	15	1	US-09-612-531-24	Sequence 24, Appl	1106	13.4	0.2	17	1	US-09-401-063-566	Sequence 566, App
c1034	13.4	0.2	15	1	US-09-612-531-25	Sequence 25, Appl	1107	13.4	0.2	17	1	US-09-866-108A-1148	Sequence 1348, Ap
c1035	13.4	0.2	15	1	US-09-142-212A-3	Sequence 3, Appl1	1108	13.4	0.2	17	1	US-09-866-108A-1349	Sequence 1349, Ap
c1036	13.4	0.2	15	1	US-09-142-212A-4	Sequence 4, Appl1	1109	13.4	0.2	17	1	US-09-866-108A-1891	Sequence 1891, Ap
c1037	13.4	0.2	15	1	US-09-142-212A-5	Sequence 5, Appl1	1110	13.4	0.2	17	1	US-09-866-108A-1896	Sequence 1896, Ap
c1038	13.4	0.2	15	1	US-09-142-212A-6	Sequence 6, Appl1	c1111	13.4	0.2	17	1	US-09-866-108A-6111	Sequence 6111, Ap
c1039	13.4	0.2	15	1	US-09-142-212A-9	Sequence 9, Appl1	c1112	13.4	0.2	17	1	US-09-866-108A-6114	Sequence 6114, Ap
c1040	13.4	0.2	15	1	US-09-142-212A-13	Sequence 13, Appl	c1113	13.4	0.2	17	1	US-09-866-108A-6198	Sequence 6198, Ap
1041	13.4	0.2	15	1	US-09-349-040A-6	Sequence 4, Appl1	c1114	13.4	0.2	17	1	US-09-866-108A-6201	Sequence 6201, Ap
c1042	13.4	0.2	15	1	US-09-349-040A-7	Sequence 7, Appl1	c1115	13.4	0.2	17	1	US-09-866-108A-6256	Sequence 6256, Ap
c1043	13.4	0.2	15	1	US-09-349-040A-7	Sequence 6, Appl1	c1116	13.4	0.2	17	1	US-09-866-108A-6259	Sequence 6259, Ap
c1044	13.4	0.2	15	1	US-09-349-040A-8	Sequence 8, Appl1	1117	13.4	0.2	17	1	US-09-866-108A-6516	Sequence 6516, Ap
c1045	13.4	0.2	15	1	US-09-753-943D-3	Sequence 3, Appl1	1118	13.4	0.2	17	1	US-09-866-108A-6517	Sequence 6517, Ap
c1046	13.4	0.2	15	1	US-09-753-943D-4	Sequence 4, Appl1	1119	13.4	0.2	17	1	US-09-866-108A-6518	Sequence 6518, Ap
c1047	13.4	0.2	15	1	US-09-753-943D-6	Sequence 6, Appl1	c1120	13.4	0.2	17	1	US-09-866-108A-6759	Sequence 6759, Ap
c1048	13.4	0.2	15	1	US-09-753-943D-7	Sequence 7, Appl1	c1121	13.4	0.2	17	1	US-09-866-108A-6760	Sequence 6760, Ap
c1049	13.4	0.2	15	1	US-09-753-943D-8	Sequence 8, Appl1	c1122	13.4	0.2	17	1	US-09-866-108A-6761	Sequence 6761, Ap
c1050	13.4	0.2	15	1	US-09-753-943D-9	Sequence 9, Appl1	1123	13.4	0.2	17	1	US-09-866-108A-7121	Sequence 7121, Ap
1051	13.4	0.2	15	1	US-09-753-943D-10	Sequence 10, Appl	1124	13.4	0.2	17	1	US-09-866-108A-7122	Sequence 7122, Ap
1052	13.4	0.2	15	1	US-09-753-943D-11	Sequence 11, Appl	1125	13.4	0.2	17	1	US-09-866-108A-7123	Sequence 7123, Ap
1053	13.4	0.2	15	1	US-09-753-943D-12	Sequence 12, Appl	1126	13.4	0.2	17	1	US-09-866-108A-7408	Sequence 7408, Ap
1054	13.4	0.2	15	1	US-09-753-943D-13	Sequence 13, Appl	1127	13.4	0.2	17	1	US-09-866-108A-7411	Sequence 7411, Ap
1055	13.4	0.2	15	1	US-10-294-203-4	Sequence 4, Appl1	c1128	13.4	0.2	17	1	US-09-866-108A-7796	Sequence 7796, Ap

C 837	13.8	0.3	17	1	US-09-866-108A-918	Sequence 918, App	910	13.8	0.3	18	1	US-09-529-2390-45	Sequence 45, Appl
C 838	13.8	0.3	17	1	US-09-866-108A-1318	Sequence 118, Ap	C 911	13.8	0.3	18	1	US-09-865-879-44	Sequence 44, Appl
C 839	13.8	0.3	17	1	US-09-866-108A-1350	Sequence 1350, Ap	C 912	13.8	0.3	18	1	US-09-544-3988-422	Sequence 422, App
C 840	13.8	0.3	17	1	US-09-866-108A-1351	Sequence 1351, Ap	C 913	13.8	0.3	18	1	US-09-142-108C-27	Sequence 27, Appl
C 841	13.8	0.3	17	1	US-09-866-108A-1670	Sequence 1670, Ap	C 914	13.8	0.3	18	1	PCT-US91-03680-73	Sequence 73, Appl
C 842	13.8	0.3	17	1	US-09-866-108A-2019	Sequence 2019, Ap	C 915	13.8	0.3	19	1	US-08-255-892-63	Sequence 63, Appl
C 843	13.8	0.3	17	1	US-09-866-108A-2359	Sequence 2359, Ap	C 916	13.8	0.3	19	1	US-08-379-680-7	Sequence 7, Appl1
C 844	13.8	0.3	17	1	US-09-866-108A-6676	Sequence 6676, Ap	C 917	13.8	0.3	19	1	US-08-796-883-7	Sequence 7, Appl1
C 845	13.8	0.3	17	1	US-09-866-108A-6935	Sequence 6935, Ap	C 918	13.8	0.3	19	1	US-08-832-883-25	Sequence 25, Appl
C 846	13.8	0.3	17	1	US-09-866-108A-7799	Sequence 7799, Ap	C 919	13.8	0.3	19	1	US-08-832-877-25	Sequence 25, Appl
C 847	13.8	0.3	17	1	US-09-866-108A-7800	Sequence 7800, Ap	C 920	13.8	0.3	19	1	US-08-525-864A-16	Sequence 16, Appl
C 848	13.8	0.3	17	1	US-09-866-108A-8357	Sequence 8357, Ap	C 921	13.8	0.3	19	1	US-08-531-864-7	Sequence 7, Appl1
C 849	13.8	0.3	17	1	US-09-866-108A-8399	Sequence 8399, Ap	C 922	13.8	0.3	19	1	US-08-373-636-7	Sequence 7, Appl1
C 850	13.8	0.3	17	1	US-09-866-108A-8418	Sequence 8418, Ap	C 923	13.8	0.3	19	1	US-08-867-454-7	Sequence 7, Appl1
C 851	13.8	0.3	17	1	US-09-866-108A-8465	Sequence 8465, Ap	C 924	13.8	0.3	19	1	US-08-602-506A-7	Sequence 7, Appl1
C 852	13.8	0.3	17	1	US-09-866-108A-8648	Sequence 8648, Ap	C 925	13.8	0.3	19	1	US-08-538-666-9	Sequence 9, Appl1
C 853	13.8	0.3	17	1	US-09-866-108A-8648	Sequence 8648, Ap	C 926	13.8	0.3	19	1	US-08-538-666-9	Sequence 9, Appl1
C 854	13.8	0.3	17	1	US-09-866-108A-8649	Sequence 8649, Ap	C 927	13.8	0.3	19	1	US-08-338-666-15	Sequence 15, Appl
C 855	13.8	0.3	17	1	US-09-866-108A-8649	Sequence 8649, Ap	C 928	13.8	0.3	19	1	US-08-946-732-1	Sequence 1, Appl1
C 856	13.8	0.3	17	1	US-09-866-108A-8650	Sequence 8650, Ap	C 929	13.8	0.3	19	1	US-08-574-549A-449	Sequence 449, App
C 857	13.8	0.3	17	1	US-09-866-108A-8810	Sequence 8810, Ap	C 930	13.8	0.3	19	1	US-09-266-294-7	Sequence 7, Appl1
C 858	13.8	0.3	17	1	US-09-866-108A-8864	Sequence 8864, Ap	C 931	13.8	0.3	19	1	US-09-092-077-17	Sequence 17, Appl
C 859	13.8	0.3	17	1	US-09-866-108A-8915	Sequence 8915, Ap	C 932	13.8	0.3	19	1	US-09-179-281-7	Sequence 7, Appl1
C 860	13.8	0.3	17	1	US-09-866-108A-9196	Sequence 9196, Ap	C 933	13.8	0.3	19	1	US-09-215-221-45	Sequence 45, Appl
C 861	13.8	0.3	17	1	US-09-866-108A-9544	Sequence 9544, Ap	C 934	13.8	0.3	19	1	US-09-489-869-4	Sequence 4, Appl1
C 862	13.8	0.3	17	1	US-09-866-108A-9630	Sequence 9630, Ap	C 935	13.8	0.3	19	1	US-09-472-880-11	Sequence 11, Appl
C 863	13.8	0.3	17	1	US-09-866-108A-9651	Sequence 9651, Ap	C 936	13.8	0.3	19	1	US-09-397-915-1	Sequence 1, Appl1
C 864	13.8	0.3	17	1	US-09-866-108A-10662	Sequence 10662, A	C 937	13.8	0.3	19	1	US-09-144-367-53	Sequence 53, Appl
C 865	13.8	0.3	17	1	US-09-866-108A-10664	Sequence 10664, A	C 938	13.8	0.3	19	1	US-09-018-125-3	Sequence 3, Appl1
C 866	13.8	0.3	17	1	US-09-866-108A-10664	Sequence 10664, A	C 939	13.8	0.3	19	1	US-08-912-951-216	Sequence 216, App
C 867	13.8	0.3	17	1	PCT-US95-02219-5	Sequence 5, Appl1	C 940	13.8	0.3	19	1	US-09-422-978-4994	Sequence 4994, Ap
C 868	13.8	0.3	17	1	PCT-US95-02219A-5	Sequence 5, Appl1	C 941	13.8	0.3	19	1	US-09-755-665-74	Sequence 74, Appl
C 869	13.8	0.3	18	1	US-08-758-306-953	Sequence 953, App	C 942	13.8	0.3	19	1	US-09-402-181B-449	Sequence 449, App
C 870	13.8	0.3	18	1	US-08-224-981-10	Sequence 10, Appl	C 943	13.8	0.3	19	1	US-09-721-456-449	Sequence 449, App
C 871	13.8	0.3	18	1	US-08-246-982A-21	Sequence 21, Appl	C 944	13.8	0.3	19	1	US-09-911-226-1	Sequence 1, Appl1
C 872	13.8	0.3	18	1	US-08-453-265-21	Sequence 21, Appl	C 945	13.8	0.3	19	1	US-09-155-885A-64	Sequence 64, Appl
C 873	13.8	0.3	18	1	US-08-363-240A-1223	Sequence 1223, Ap	C 946	13.8	0.3	19	1	US-09-696-791-92	Sequence 92, Appl
C 874	13.8	0.3	18	1	US-08-424-663-6	Sequence 6, Appl1	C 947	13.8	0.3	19	1	US-09-696-791-744	Sequence 744, App
C 875	13.8	0.3	18	1	US-08-405-702A-15	Sequence 15, Appl	C 948	13.8	0.3	19	1	US-09-696-791-797	Sequence 797, App
C 876	13.8	0.3	18	1	US-08-758-306-499	Sequence 499, App	C 949	13.8	0.3	19	1	US-09-696-791-798	Sequence 798, App
C 877	13.8	0.3	18	1	US-08-173-489C-218	Sequence 218, App	C 950	13.8	0.3	19	1	US-09-696-791-2496	Sequence 2496, App
C 878	13.8	0.3	18	1	US-08-585-684B-2687	Sequence 2687, Ap	C 951	13.8	0.3	19	1	US-09-696-791-2573	Sequence 2573, Ap
C 879	13.8	0.3	18	1	US-09-156-979-29	Sequence 29, Appl	C 952	13.8	0.3	19	1	US-09-696-791-3393	Sequence 3393, Ap
C 880	13.8	0.3	18	1	US-09-161-015-27	Sequence 27, Appl	C 953	13.8	0.3	19	1	US-09-696-791-3394	Sequence 3394, Ap
C 881	13.8	0.3	18	1	US-08-872-446-6	Sequence 6, Appl1	C 954	13.8	0.3	19	1	US-09-696-791-3750	Sequence 3750, Ap
C 882	13.8	0.3	18	1	US-08-872-446-10	Sequence 10, Appl	C 955	13.8	0.3	19	1	US-09-696-791-3751	Sequence 3751, Ap
C 883	13.8	0.3	18	1	US-09-197-008-31	Sequence 31, Appl	C 956	13.6	0.2	19	1	US-08-973-857-6	Sequence 6, Appl1
C 884	13.8	0.3	18	1	US-09-255-893-41	Sequence 41, Appl	C 957	13.6	0.2	20	1	US-09-357-073-22	Sequence 22, Appl
C 885	13.8	0.3	18	1	US-09-344-520-43	Sequence 43, Appl	C 958	13.4	0.2	15	1	US-08-142-785-5	Sequence 5, Appl1
C 886	13.8	0.3	18	1	US-09-339-993-32	Sequence 32, Appl	C 959	13.4	0.2	15	1	US-08-142-785-6	Sequence 6, Appl1
C 887	13.8	0.3	18	1	US-09-344-579-41	Sequence 41, Appl	C 960	13.4	0.2	15	1	US-08-142-785-7	Sequence 7, Appl1
C 888	13.8	0.3	18	1	US-09-280-409-78	Sequence 78, Appl	C 961	13.4	0.2	15	1	US-08-142-785-8	Sequence 8, Appl1
C 889	13.8	0.3	18	1	US-08-937-063-11	Sequence 11, Appl	C 962	13.4	0.2	15	1	US-08-142-785-9	Sequence 9, Appl1
C 890	13.8	0.3	18	1	US-09-038-073-2687	Sequence 2687, Ap	C 963	13.4	0.2	15	1	US-08-142-785-10	Sequence 10, Appl
C 891	13.8	0.3	18	1	US-09-280-270A-6	Sequence 6, Appl1	C 964	13.4	0.2	15	1	US-08-142-785-11	Sequence 11, Appl
C 892	13.8	0.3	18	1	US-09-280-270A-10	Sequence 10, Appl	C 965	13.4	0.2	15	1	US-08-142-785-12	Sequence 12, Appl
C 893	13.8	0.3	18	1	US-08-584-040-8345	Sequence 8345, Ap	C 966	13.4	0.2	15	1	US-08-142-785-13	Sequence 13, Appl
C 894	13.8	0.3	18	1	US-08-584-040-8376	Sequence 8376, Ap	C 967	13.4	0.2	15	1	US-07-799-824-1	Sequence 1, Appl1
C 895	13.8	0.3	18	1	US-09-723-535-41	Sequence 41, Appl	C 968	13.4	0.2	15	1	US-07-799-824-2	Sequence 2, Appl1
C 896	13.8	0.3	18	1	US-09-387-341-90	Sequence 90, Appl	C 969	13.4	0.2	15	1	US-07-799-824-3	Sequence 3, Appl1
C 897	13.8	0.3	18	1	US-09-387-341-170	Sequence 170, App	C 970	13.4	0.2	15	1	US-07-799-824-4	Sequence 4, Appl1
C 898	13.8	0.3	18	1	US-09-000-286A-21	Sequence 21, Appl	C 971	13.4	0.2	15	1	US-07-799-824-5	Sequence 5, Appl1
C 899	13.8	0.3	18	1	US-09-000-286A-22	Sequence 22, Appl	C 972	13.4	0.2	15	1	US-07-799-824-6	Sequence 6, Appl1
C 900	13.8	0.3	18	1	US-09-432-978-4081	Sequence 4081, Ap	C 973	13.4	0.2	15	1	US-07-799-824-7	Sequence 7, Appl1
C 901	13.8	0.3	18	1	US-09-432-978-5066	Sequence 5066, Ap	C 974	13.4	0.2	15	1	US-07-799-824-8	Sequence 8, Appl1
C 902	13.8	0.3	18	1	US-09-432-978-6365	Sequence 6365, Ap	C 975	13.4	0.2	15	1	US-07-799-824-9	Sequence 9, Appl1
C 903	13.8	0.3	18	1	US-09-432-978-11314	Sequence 11314, A	C 976	13.4	0.2	15	1	US-07-874-334-15	Sequence 15, Appl
C 904	13.8	0.3	18	1	US-09-432-978-11394	Sequence 11394, A	C 977	13.4	0.2	15	1	US-07-874-334-16	Sequence 16, Appl
C 905	13.8	0.3	18	1	US-09-371-772B-4001	Sequence 4001, A	C 978	13.4	0.2	15	1	US-07-874-334-17	Sequence 17, Appl
C 906	13.8	0.3	18	1	US-09-371-772B-4032	Sequence 4032, Ap	C 979	13.4	0.2	15	1	US-07-874-334-18	Sequence 18, Appl
C 907	13.8	0.3	18	1	US-09-679-298A-30	Sequence 30, Appl	C 980	13.4	0.2	15	1	US-07-976-103A-4	Sequence 4, Appl1
C 908	13.8	0.3	18	1	US-09-738-444A-24	Sequence 24, Appl	C 981	13.4	0.2	15	1	US-07-976-103A-6	Sequence 6, Appl1
C 909	13.8	0.3	18	1	US-09-032-438C-97	Sequence 97, Appl	C 982	13.4	0.2	15	1	US-07-976-103A-12	Sequence 12, Appl

691	14.2	0.3	20	1	US-09-732-199A-33	Sequence 33, Appl	764	14	0.3	17	1	US-08-462-040-7	Sequence 7, Appl1
692	14.2	0.3	20	1	US-09-702-246-48	Sequence 48, Appl	765	14	0.3	17	1	US-08-462-040-8	Sequence 8, Appl1
693	14.2	0.3	20	1	US-09-702-246-61	Sequence 61, Appl	766	14	0.3	17	1	US-08-462-040-9	Sequence 9, Appl1
694	14.2	0.3	20	1	US-09-851-520-88	Sequence 88, Appl	767	14	0.3	17	1	US-09-106-375-29	Sequence 29, Appl
695	14.2	0.3	20	1	US-09-851-896-86	Sequence 86, Appl	768	14	0.3	17	1	US-09-866-108A-6764	Sequence 6764, Ap
696	14.2	0.3	20	1	US-09-506-073-81	Sequence 81, Appl	769	14	0.3	17	1	US-09-866-108A-6768	Sequence 6768, Ap
697	14.2	0.3	20	1	US-09-657-452A-114	Sequence 114, Appl	770	14	0.3	18	1	US-08-101-435-6	Sequence 6, Appl1
698	14.2	0.3	20	1	US-09-792-594-35	Sequence 35, Appl	771	14	0.3	18	1	US-08-373-124A-2239	Sequence 2239, Ap
699	14.2	0.3	20	1	US-09-661-753-15	Sequence 15, Appl	772	14	0.3	18	1	US-08-435-628-2239	Sequence 2239, Ap
700	14.2	0.3	20	1	US-09-907-643-61	Sequence 61, Appl	773	14	0.3	18	1	US-08-882-046-97	Sequence 97, Appl
701	14.2	0.3	20	1	US-09-676-610B-142	Sequence 142, Appl	774	14	0.3	18	1	US-09-213-719-44	Sequence 44, Appl
702	14.2	0.3	20	1	US-09-791-211-56	Sequence 56, Appl	775	14	0.3	18	1	US-09-187-289-4	Sequence 4, Appl1
703	14.2	0.3	20	1	US-08-275-951-27	Sequence 27, Appl	776	14	0.3	18	1	US-09-566-047-97	Sequence 97, Appl1
704	14.2	0.3	20	1	US-08-275-951-28	Sequence 28, Appl	777	14	0.3	19	1	US-08-938-669A-12	Sequence 12, Appl1
705	14.2	0.3	20	1	US-08-275-951-29	Sequence 29, Appl	778	14	0.3	19	1	US-09-031-962D-10	Sequence 10, Appl
706	14.2	0.3	20	1	US-08-275-951-30	Sequence 30, Appl	779	14	0.3	19	1	US-09-306-828-22	Sequence 22, Appl
707	14.2	0.3	20	1	US-08-275-951-63	Sequence 63, Appl	780	14	0.3	19	1	US-09-696-791-3781	Sequence 3781, Ap
708	14.2	0.3	20	1	US-09-091-952A-58	Sequence 58, Appl	781	14	0.3	20	1	US-08-343-281A-9	Sequence 9, Appl1
709	14.2	0.3	20	1	US-09-360-416-9	Sequence 9, Appl1	782	14	0.3	20	1	US-08-313-185-13	Sequence 13, Appl
710	14.2	0.3	20	1	US-09-535-008-22	Sequence 22, Appl	783	14	0.3	20	1	US-08-238-821B-58	Sequence 58, Appl
711	14.2	0.3	20	1	US-09-844-525A-18	Sequence 18, Appl	784	14	0.3	20	1	US-09-082-614A-13	Sequence 13, Appl
712	14.2	0.3	20	1	US-09-844-525A-46	Sequence 46, Appl	785	14	0.3	20	1	US-09-418-641-82	Sequence 82, Appl
713	14.2	0.3	20	1	US-09-861-159-77	Sequence 77, Appl	786	14	0.3	20	1	US-09-021-701-556	Sequence 556, App
714	14.2	0.3	20	1	US-09-629-644A-120	Sequence 120, App	787	14	0.3	20	1	US-09-021-701-557	Sequence 557, App
715	14.2	0.3	20	1	US-09-629-644A-121	Sequence 121, App	788	14	0.3	20	1	US-09-428-583-57	Sequence 57, Appl
716	14.2	0.3	20	1	US-09-629-644A-121	Sequence 121, App	789	14	0.3	20	1	US-09-658-688A-88	Sequence 88, Appl
717	14.2	0.3	20	1	US-09-898-361-147	Sequence 147, App	790	14	0.3	20	1	US-09-198-452A-5228	Sequence 5228, Ap
718	14.2	0.3	20	1	US-09-238-710-31	Sequence 31, Appl	791	14	0.3	20	1	US-09-033-936-11	Sequence 11, Appl
719	14.2	0.3	20	1	US-09-422-978-4755	Sequence 4755, Ap	792	14	0.3	20	1	US-10-199-024-14	Sequence 14, Appl
720	14.2	0.3	20	1	US-09-422-978-7052	Sequence 7052, Ap	793	14	0.3	20	1	US-09-794-422-32	Sequence 32, Appl
721	14.2	0.3	20	1	US-09-230-652-96	Sequence 96, Appl	794	14	0.3	20	1	PCT-US95-05744-58	Sequence 58, Appl
722	14.2	0.3	20	1	US-09-265-503B-64	Sequence 64, Appl	795	13.8	0.3	17	1	US-08-469-177-7	Sequence 7, Appl1
723	14.2	0.3	20	1	US-09-705-267A-30	Sequence 30, Appl	796	13.8	0.3	17	1	US-08-373-124A-184	Sequence 184, Ap
724	14.2	0.3	20	1	US-08-857-636-64	Sequence 64, Appl	797	13.8	0.3	17	1	US-08-373-124A-2149	Sequence 2149, Ap
725	14.2	0.3	20	1	US-09-198-452A-1907	Sequence 1907, Ap	798	13.8	0.3	17	1	US-08-200-232-5	Sequence 5, Appl1
726	14.2	0.3	20	1	US-09-198-452A-4382	Sequence 4382, Ap	799	13.8	0.3	17	1	US-08-758-306-37	Sequence 37, Appl
727	14.2	0.3	20	1	US-09-198-452A-4475	Sequence 4475, Ap	800	13.8	0.3	17	1	US-08-758-306-87	Sequence 87, Appl
728	14.2	0.3	20	1	US-09-198-452A-4578	Sequence 4578, Ap	801	13.8	0.3	17	1	US-08-435-628-184	Sequence 184, App
729	14.2	0.3	20	1	US-09-198-452A-5536	Sequence 5536, Ap	802	13.8	0.3	17	1	US-08-435-628-2149	Sequence 2149, Ap
730	14.2	0.3	20	1	US-09-198-452A-6307	Sequence 6307, Ap	803	13.8	0.3	17	1	US-08-584-040-2096	Sequence 2096, Ap
731	14.2	0.3	20	1	US-09-198-452A-6456	Sequence 6456, Ap	804	13.8	0.3	17	1	US-08-584-040-2505	Sequence 2550, Ap
732	14.2	0.3	20	1	US-09-198-452A-6599	Sequence 6599, Ap	805	13.8	0.3	17	1	US-08-584-040-4054	Sequence 4024, Ap
733	14.2	0.3	20	1	US-09-808-358-7	Sequence 7, Appl1	806	13.8	0.3	17	1	US-08-584-040-7627	Sequence 7627, Ap
734	14.2	0.3	20	1	US-09-601-144-43	Sequence 43, Appl	807	13.8	0.3	17	1	US-08-584-040-7818	Sequence 7818, Ap
735	14.2	0.3	20	1	US-09-909-595-62	Sequence 62, Appl	808	13.8	0.3	17	1	US-08-584-040-7910	Sequence 7910, Ap
736	14.2	0.3	20	1	US-09-249-247-113	Sequence 113, App	809	13.8	0.3	17	1	US-08-584-040-7911	Sequence 7911, Ap
737	14.2	0.3	20	1	US-09-780-045-56	Sequence 56, Appl	810	13.8	0.3	17	1	US-08-584-040-8061	Sequence 8061, Ap
738	14.2	0.3	20	1	US-09-967-669-31	Sequence 31, Appl	811	13.8	0.3	17	1	US-08-679-645-884	Sequence 884, App
739	14.2	0.3	20	1	US-09-661-858-71	Sequence 71, Appl	812	13.8	0.3	17	1	US-08-679-645-885	Sequence 885, App
740	14.2	0.3	20	1	US-09-657-013-4	Sequence 4, Appl1	813	13.8	0.3	17	1	US-09-479-645A-33	Sequence 33, Appl
741	14.2	0.3	20	1	US-10-215-448-71	Sequence 71, Appl	814	13.8	0.3	17	1	US-09-300-958A-63	Sequence 63, Appl
742	14.2	0.3	20	1	US-08-983-605-300	Sequence 300, App	815	13.8	0.3	17	1	US-09-474-432B-365	Sequence 365, App
743	14.2	0.3	20	1	US-09-988-462-57	Sequence 57, Appl	816	13.8	0.3	17	1	US-09-474-432B-643	Sequence 643, App
744	14.2	0.3	20	1	US-09-635-251-32	Sequence 32, Appl	817	13.8	0.3	17	1	US-09-371-772B-641	Sequence 641, App
745	14.2	0.3	20	1	US-09-635-251-33	Sequence 33, Appl	818	13.8	0.3	17	1	US-09-371-772B-1074	Sequence 1074, App
746	14.2	0.3	20	1	US-09-917-963-79	Sequence 79, Appl	819	13.8	0.3	17	1	US-09-371-772B-1791	Sequence 1791, Ap
747	14.2	0.3	20	1	US-09-899-440-7	Sequence 7, Appl1	820	13.8	0.3	17	1	US-09-371-772B-3419	Sequence 3419, Ap
748	14.2	0.3	20	1	PCT-US94-03856-8	Sequence 8, Appl1	821	13.8	0.3	17	1	US-09-371-772B-3602	Sequence 3602, Ap
749	14.2	0.3	20	1	5219727-29	Patent No. 5219727	822	13.8	0.3	17	1	US-09-371-772B-3603	Sequence 3603, Ap
750	14	0.3	15	1	US-08-687-456B-1	Sequence 1, Appl1	823	13.8	0.3	17	1	US-09-371-772B-3693	Sequence 3693, Ap
751	14	0.3	16	1	US-09-349-035-4	Sequence 4, Appl1	824	13.8	0.3	17	1	US-09-371-772B-3694	Sequence 3694, Ap
752	14	0.3	17	1	US-08-459-743-6	Sequence 6, Appl1	825	13.8	0.3	17	1	US-09-371-772B-3844	Sequence 3844, Ap
753	14	0.3	17	1	US-08-250-740-23	Sequence 23, Appl	826	13.8	0.3	17	1	US-09-371-772B-3845	Sequence 3844, Ap
754	14	0.3	17	1	US-07-695-472B-29	Sequence 29, Appl	827	13.8	0.3	17	1	US-09-371-772B-4565	Sequence 4566, Ap
755	14	0.3	17	1	US-08-460-890A-7	Sequence 7, Appl1	828	13.8	0.3	17	1	US-09-371-772B-5579	Sequence 5579, Ap
756	14	0.3	17	1	US-08-460-890A-8	Sequence 8, Appl1	829	13.8	0.3	17	1	US-09-371-772B-5580	Sequence 5580, Ap
757	14	0.3	17	1	US-08-460-890A-9	Sequence 9, Appl1	830	13.8	0.3	17	1	US-09-371-772B-6122	Sequence 6122, Ap
758	14	0.3	17	1	US-08-167-641C-7	Sequence 7, Appl1	831	13.8	0.3	17	1	US-09-371-772B-6657	Sequence 6657, Ap
759	14	0.3	17	1	US-08-167-641C-8	Sequence 8, Appl1	832	13.8	0.3	17	1	US-09-476-387-364	Sequence 364, App
760	14	0.3	17	1	US-08-167-641C-9	Sequence 9, Appl1	833	13.8	0.3	17	1	US-09-476-387-364	Sequence 667, App
761	14	0.3	17	1	US-08-460-971A-7	Sequence 7, Appl1	834	13.8	0.3	17	1	US-09-866-108A-667	Sequence 740, App
762	14	0.3	17	1	US-08-460-971A-8	Sequence 8, Appl1	835	13.8	0.3	17	1	US-09-866-108A-740	Sequence 834, App
763	14	0.3	17	1	US-08-460-971A-9	Sequence 9, Appl1	836	13.8	0.3	17	1	US-09-866-108A-834	Sequence 834, App

C 545	14.2	0.3	19	1	US-09-477-902-23	Sequence 23, Appl	C 618	14.2	0.3	19	1	US-10-098-816-18	Sequence 18, Appl
C 546	14.2	0.3	19	1	US-09-477-902-24	Sequence 24, Appl	C 619	14.2	0.3	19	1	US-10-098-816-26	Sequence 26, Appl
C 547	14.2	0.3	19	1	US-09-477-902-25	Sequence 25, Appl	C 620	14.2	0.3	19	1	US-09-544-3988-336	Sequence 336, App
C 548	14.2	0.3	19	1	US-09-477-902-26	Sequence 26, Appl	C 621	14.2	0.3	19	1	US-09-696-791-796	Sequence 796, App
C 549	14.2	0.3	19	1	US-09-477-902-27	Sequence 27, Appl	C 622	14.2	0.3	19	1	PCT-US94-02175-8	Sequence 8, Appl1
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C 551	14.2	0.3	19	1	US-09-477-902-29	Sequence 29, Appl	C 624	14.2	0.3	20	1	US-08-255-561-11	Sequence 11, Appl
C 552	14.2	0.3	19	1	US-09-477-902-30	Sequence 30, Appl	C 625	14.2	0.3	20	1	US-08-241-387-11	Sequence 11, Appl
C 553	14.2	0.3	19	1	US-09-477-902-31	Sequence 31, Appl	C 626	14.2	0.3	20	1	US-07-951-715A-57	Sequence 57, Appl
C 554	14.2	0.3	19	1	US-09-477-902-32	Sequence 32, Appl	C 627	14.2	0.3	20	1	US-08-171-718-13	Sequence 13, Appl
C 555	14.2	0.3	19	1	US-09-050-159-2	Sequence 2, Appl1	C 628	14.2	0.3	20	1	US-08-350-325A-8	Sequence 8, Appl1
C 556	14.2	0.3	19	1	US-08-726-278-16	Sequence 16, Appl	C 629	14.2	0.3	20	1	US-08-653-653A-8	Sequence 8, Appl1
C 557	14.2	0.3	19	1	US-09-338-907-515	Sequence 515, App	C 630	14.2	0.3	20	1	US-08-568-271-1	Sequence 1, Appl1
C 558	14.2	0.3	19	1	US-08-853-774-12	Sequence 12, Appl	C 631	14.2	0.3	20	1	US-08-418-859-18	Sequence 18, Appl
C 559	14.2	0.3	19	1	US-09-123-108-6	Sequence 6, Appl1	C 632	14.2	0.3	20	1	US-08-594-600-11	Sequence 11, Appl
C 560	14.2	0.3	19	1	US-09-378-665A-5	Sequence 5, Appl1	C 633	14.2	0.3	20	1	US-08-594-600-11	Sequence 5, Appl1
C 561	14.2	0.3	19	1	US-08-945-140-3	Sequence 3, Appl1	C 634	14.2	0.3	20	1	US-08-726-575A-5	Sequence 355, App
C 562	14.2	0.3	19	1	US-09-202-294-4	Sequence 4, Appl1	C 635	14.2	0.3	20	1	US-08-117-952-365	Sequence 18, Appl
C 563	14.2	0.3	19	1	US-09-218-307-515	Sequence 515, App	C 636	14.2	0.3	20	1	US-08-643-181-18	Sequence 18, Appl
C 564	14.2	0.3	19	1	US-09-303-586-15	Sequence 15, App	C 637	14.2	0.3	20	1	US-08-459-488A-57	Sequence 57, Appl
C 565	14.2	0.3	19	1	US-09-303-586-16	Sequence 16, Appl	C 638	14.2	0.3	20	1	US-08-910-629A-32	Sequence 32, Appl
C 566	14.2	0.3	19	1	US-09-303-586-17	Sequence 17, Appl	C 639	14.2	0.3	20	1	US-08-767-979-7	Sequence 7, Appl1
C 567	14.2	0.3	19	1	US-09-303-586-18	Sequence 18, Appl	C 640	14.2	0.3	20	1	US-08-837-201C-78	Sequence 78, Appl
C 568	14.2	0.3	19	1	US-09-303-586-19	Sequence 19, Appl	C 641	14.2	0.3	20	1	US-08-837-201C-95	Sequence 95, Appl
C 569	14.2	0.3	19	1	US-09-303-586-20	Sequence 20, Appl	C 642	14.2	0.3	20	1	US-08-890-980-56	Sequence 56, Appl
C 570	14.2	0.3	19	1	US-09-227-782-2	Sequence 2, Appl1	C 643	14.2	0.3	20	1	US-08-904-901-113	Sequence 113, App
C 571	14.2	0.3	19	1	US-09-227-782-3	Sequence 3, Appl1	C 644	14.2	0.3	20	1	US-08-707-3998-6	Sequence 6, Appl1
C 572	14.2	0.3	19	1	US-09-227-782-4	Sequence 4, Appl1	C 645	14.2	0.3	20	1	US-08-459-595A-57	Sequence 57, Appl
C 573	14.2	0.3	19	1	US-09-227-782-5	Sequence 5, Appl1	C 646	14.2	0.3	20	1	US-08-890-979-58	Sequence 58, Appl
C 574	14.2	0.3	19	1	US-09-227-782-6	Sequence 6, Appl1	C 647	14.2	0.3	20	1	US-09-069-811-8	Sequence 8, Appl1
C 575	14.2	0.3	19	1	US-09-227-782-7	Sequence 7, Appl1	C 648	14.2	0.3	20	1	US-08-478-087-13	Sequence 13, Appl
C 576	14.2	0.3	19	1	US-09-227-782-8	Sequence 8, Appl1	C 649	14.2	0.3	20	1	US-09-166-186-139	Sequence 139, App
C 577	14.2	0.3	19	1	US-09-227-782-9	Sequence 9, Appl1	C 650	14.2	0.3	20	1	US-09-249-730-113	Sequence 113, App
C 578	14.2	0.3	19	1	US-09-227-782-10	Sequence 10, Appl	C 651	14.2	0.3	20	1	US-08-459-444-57	Sequence 57, Appl
C 579	14.2	0.3	19	1	US-09-227-782-11	Sequence 11, Appl	C 652	14.2	0.3	20	1	US-09-032-894-56	Sequence 56, Appl
C 580	14.2	0.3	19	1	US-09-227-782-12	Sequence 12, Appl	C 653	14.2	0.3	20	1	US-09-287-796-32	Sequence 32, Appl
C 581	14.2	0.3	19	1	US-09-227-782-13	Sequence 13, Appl	C 654	14.2	0.3	20	1	US-08-961-810-64	Sequence 64, Appl
C 582	14.2	0.3	19	1	US-09-227-782-14	Sequence 14, Appl	C 655	14.2	0.3	20	1	US-09-428-696-24	Sequence 24, Appl
C 583	14.2	0.3	19	1	US-09-227-782-15	Sequence 15, Appl	C 656	14.2	0.3	20	1	US-09-428-696-24	Sequence 46, Appl
C 584	14.2	0.3	19	1	US-09-227-782-16	Sequence 16, Appl	C 657	14.2	0.3	20	1	US-09-435-296-79	Sequence 79, Appl
C 585	14.2	0.3	19	1	US-09-227-782-17	Sequence 17, Appl	C 658	14.2	0.3	20	1	US-09-295-026-7	Sequence 7, Appl1
C 586	14.2	0.3	19	1	US-09-227-782-18	Sequence 18, Appl	C 659	14.2	0.3	20	1	US-09-490-692-51	Sequence 51, Appl
C 587	14.2	0.3	19	1	US-09-227-782-19	Sequence 19, Appl	C 660	14.2	0.3	20	1	US-08-766-528-71	Sequence 71, Appl
C 588	14.2	0.3	19	1	US-09-227-782-20	Sequence 20, Appl	C 661	14.2	0.3	20	1	US-08-352-9020-64	Sequence 64, Appl
C 589	14.2	0.3	19	1	US-09-227-782-21	Sequence 21, Appl	C 662	14.2	0.3	20	1	US-09-226-012-30	Sequence 30, Appl
C 590	14.2	0.3	19	1	US-09-227-782-22	Sequence 22, Appl	C 663	14.2	0.3	20	1	US-08-482-918-32	Sequence 32, Appl
C 591	14.2	0.3	19	1	US-09-227-782-23	Sequence 23, Appl	C 664	14.2	0.3	20	1	US-08-482-918-32	Sequence 33, Appl
C 592	14.2	0.3	19	1	US-09-227-782-24	Sequence 24, Appl	C 665	14.2	0.3	20	1	US-09-224-681-32	Sequence 32, Appl
C 593	14.2	0.3	19	1	US-09-227-782-25	Sequence 25, Appl	C 666	14.2	0.3	20	1	US-09-224-681-33	Sequence 33, Appl
C 594	14.2	0.3	19	1	US-09-227-782-26	Sequence 26, Appl	C 667	14.2	0.3	20	1	US-08-336-728A-32	Sequence 32, Appl
C 595	14.2	0.3	19	1	US-09-227-782-27	Sequence 27, Appl	C 668	14.2	0.3	20	1	US-08-336-728A-33	Sequence 33, Appl
C 596	14.2	0.3	19	1	US-09-227-782-28	Sequence 28, Appl	C 669	14.2	0.3	20	1	US-09-244-794A-31	Sequence 31, Appl
C 597	14.2	0.3	19	1	US-09-227-782-29	Sequence 29, Appl	C 670	14.2	0.3	20	1	US-09-244-794A-32	Sequence 32, Appl
C 598	14.2	0.3	19	1	US-09-227-782-30	Sequence 30, Appl	C 671	14.2	0.3	20	1	US-09-031-626-56	Sequence 56, Appl
C 599	14.2	0.3	19	1	US-09-227-782-31	Sequence 31, Appl	C 672	14.2	0.3	20	1	US-09-031-626-56	Sequence 56, Appl
C 600	14.2	0.3	19	1	US-09-227-782-32	Sequence 32, Appl	C 673	14.2	0.3	20	1	US-09-313-932-139	Sequence 139, App
C 601	14.2	0.3	19	1	US-09-227-782-33	Sequence 33, Appl	C 674	14.2	0.3	20	1	US-09-560-594-42	Sequence 42, Appl
C 602	14.2	0.3	19	1	US-09-227-782-34	Sequence 34, Appl	C 675	14.2	0.3	20	1	US-09-007-005-31	Sequence 31, Appl
C 603	14.2	0.3	19	1	US-09-227-782-35	Sequence 35, Appl	C 676	14.2	0.3	20	1	US-09-377-309-84	Sequence 84, Appl
C 604	14.2	0.3	19	1	US-09-227-782-36	Sequence 36, Appl	C 677	14.2	0.3	20	1	US-09-247-190-31	Sequence 31, Appl
C 605	14.2	0.3	19	1	US-09-227-782-37	Sequence 37, Appl	C 678	14.2	0.3	20	1	US-09-487-368A-120	Sequence 120, App
C 606	14.2	0.3	19	1	US-09-227-782-38	Sequence 38, Appl	C 679	14.2	0.3	20	1	US-09-487-368A-121	Sequence 121, App
C 607	14.2	0.3	19	1	US-09-227-782-39	Sequence 39, Appl	C 680	14.2	0.3	20	1	US-09-487-368A-122	Sequence 122, App
C 608	14.2	0.3	19	1	US-09-227-782-40	Sequence 40, Appl	C 681	14.2	0.3	20	1	US-09-543-106-8	Sequence 8, Appl1
C 609	14.2	0.3	19	1	US-09-227-782-41	Sequence 41, Appl	C 682	14.2	0.3	20	1	US-09-543-106-8	Sequence 31, Appl
C 610	14.2	0.3	19	1	US-09-227-782-42	Sequence 42, Appl	C 683	14.2	0.3	20	1	US-08-003-346-47	Sequence 47, Appl
C 611	14.2	0.3	19	1	US-09-227-782-43	Sequence 43, Appl	C 684	14.2	0.3	20	1	US-09-484-617-159	Sequence 159, App
C 612	14.2	0.3	19	1	US-09-227-782-44	Sequence 44, Appl	C 685	14.2	0.3	20	1	US-08-990-865A-5	Sequence 5, Appl1
C 613	14.2	0.3	19	1	US-09-227-782-45	Sequence 45, Appl	C 686	14.2	0.3	20	1	US-08-990-865A-5	Sequence 78, Appl
C 614	14.2	0.3	19	1	US-09-227-782-46	Sequence 46, Appl	C 687	14.2	0.3	20	1	US-09-364-416-78	Sequence 95, Appl
C 615	14.2	0.3	19	1	US-09-227-782-47	Sequence 47, Appl	C 688	14.2	0.3	20	1	US-09-326-416-95	Sequence 216, App
C 616	14.2	0.3	19	1	US-09-227-782-48	Sequence 48, Appl	C 689	14.2	0.3	20	1	US-09-547-422-57	Sequence 57, Appl
C 617	14.2	0.3	19	1	US-09-227-782-49	Sequence 49, Appl	C 690	14.2	0.3	20	1	US-09-651-011A-23	Sequence 23, Appl
C 618	14.2	0.3	19	1	US-09-227-782-50	Sequence 50, Appl	C 691	14.2	0.3	20	1	US-09-702-251-55	Sequence 55, Appl

399	14.8	0.3	20	1	US-08-462-977B-4	Sequence 4, Appl1	C 472	14.4	0.3	19	1	US-08-410-540-5	Sequence 5, Appl1
400	14.8	0.3	20	1	US-09-906-700-222	Sequence 222, App	473	14.4	0.3	19	1	US-08-650-125-8	Sequence 8, Appl1
401	14.8	0.3	20	1	US-09-532-868-17	Sequence 17, Appl	474	14.4	0.3	19	1	US-08-795-006A-8	Sequence 8, Appl1
402	14.8	0.3	20	1	US-09-903-603A-222	Sequence 222, App	475	14.4	0.3	19	1	US-08-293-779-1	Sequence 1, Appl1
403	14.8	0.3	21	1	US-08-927-219-21	Sequence 21, Appl	476	14.4	0.3	19	1	US-09-184-073-8	Sequence 8, Appl1
404	14.8	0.3	21	1	US-08-927-219-22	Sequence 22, Appl	477	14.4	0.3	19	1	US-09-506-286B-40	Sequence 40, Appl1
405	14.8	0.3	21	1	US-09-210-896-21	Sequence 21, Appl	478	14.4	0.3	19	1	US-09-422-978-11116	Sequence 11136, A
406	14.8	0.3	21	1	US-08-891-392A-30	Sequence 30, Appl	479	14.4	0.3	19	1	US-09-184-072-8	Sequence 8, Appl
407	14.8	0.3	21	1	US-09-422-978-10660	Sequence 10660, A	480	14.4	0.3	19	1	US-09-762-861B-40	Sequence 40, Appl
408	14.8	0.3	21	1	US-09-927-737C-30	Sequence 30, Appl	481	14.4	0.3	19	1	US-10-065-133A-40	Sequence 40, Appl
409	14.8	0.3	21	1	US-09-657-472-158	Sequence 158, App	482	14.4	0.3	19	1	US-09-696-791-2070	Sequence 2070, Ap
410	14.8	0.3	21	1	US-09-657-472-189	Sequence 189, App	483	14.4	0.3	19	1	PCT-US91-03680-2	Sequence 2, Appl1
411	14.8	0.3	21	1	US-09-657-472-316	Sequence 316, App	484	14.4	0.3	20	1	US-08-220-373-3	Sequence 3, Appl1
412	14.8	0.3	21	1	US-09-657-472-622	Sequence 622, App	485	14.4	0.3	20	1	US-09-009-913-317	Sequence 317, App
413	14.8	0.3	21	1	US-09-657-472-1947	Sequence 1947, Ap	486	14.4	0.3	20	1	US-08-872-855-13	Sequence 13, Appl
414	14.8	0.3	21	1	US-09-657-472-2191	Sequence 2191, Ap	487	14.4	0.3	20	1	US-09-313-932-394	Sequence 394, App
415	14.8	0.3	21	1	US-09-657-472-2297	Sequence 2297, Ap	488	14.4	0.3	20	1	US-09-021-701-551	Sequence 551, App
416	14.8	0.3	21	1	US-09-492-361-6	Sequence 6, Appl1	489	14.4	0.3	20	1	US-09-021-701-552	Sequence 552, App
417	14.4	0.3	16	1	US-08-367-069-10	Sequence 10, Appl	490	14.4	0.3	20	1	US-09-021-701-553	Sequence 553, App
418	14.4	0.3	16	1	US-08-885-126-7	Sequence 7, Appl1	491	14.4	0.3	20	1	US-09-021-701-554	Sequence 554, App
419	14.4	0.3	16	1	US-08-885-126-8	Sequence 8, Appl1	492	14.4	0.3	20	1	US-09-021-701-555	Sequence 555, App
420	14.4	0.3	16	1	US-08-941-454A-28	Sequence 28, Appl	493	14.4	0.3	20	1	US-09-452-452A-51	Sequence 51, Appl
421	14.4	0.3	16	1	US-09-266-409-8	Sequence 8, Appl1	494	14.4	0.3	20	1	US-09-661-753-56	Sequence 56, Appl
422	14.4	0.3	16	1	US-09-411-862A-21	Sequence 21, Appl	495	14.4	0.3	20	1	US-09-780-175-41	Sequence 41, Appl
423	14.4	0.3	16	1	US-09-411-862A-22	Sequence 22, Appl	496	14.4	0.3	20	1	US-09-658-679A-52	Sequence 52, Appl
424	14.4	0.3	16	1	US-09-678-620-8	Sequence 8, Appl1	497	14.4	0.3	20	1	US-09-658-679A-54	Sequence 54, Appl
425	14.4	0.3	17	1	US-08-885-126-4	Sequence 4, Appl1	498	14.4	0.3	20	1	US-09-517-467B-127	Sequence 127, App
426	14.4	0.3	17	1	US-08-885-126-17	Sequence 17, Appl1	499	14.4	0.3	20	1	US-09-320-672-24	Sequence 24, Appl
427	14.4	0.3	17	1	US-08-985-162-565	Sequence 565, App	500	14.4	0.3	20	1	US-09-434-066-4	Sequence 4, Appl1
428	14.4	0.3	17	1	US-09-371-772B-6930	Sequence 6930, App	501	14.4	0.3	20	1	US-09-920-668-49	Sequence 49, Appl
429	14.4	0.3	17	1	US-09-371-772B-6932	Sequence 6932, App	502	14.4	0.3	20	1	US-09-668-313A-247	Sequence 247, App
430	14.4	0.3	17	1	US-09-401-063-565	Sequence 565, App	503	14.4	0.3	20	1	US-09-954-560-47	Sequence 47, Appl
431	14.4	0.3	17	1	US-09-866-108A-1882	Sequence 1882, Ap	504	14.4	0.3	20	1	US-09-422-978-7609	Sequence 7609, Ap
432	14.4	0.3	17	1	US-09-866-108A-1893	Sequence 1893, Ap	505	14.4	0.3	20	1	US-09-198-452A-6012	Sequence 6012, Ap
433	14.4	0.3	17	1	US-09-866-108A-1894	Sequence 1894, Ap	506	14.4	0.3	20	1	US-10-215-448-53	Sequence 53, Appl
434	14.4	0.3	17	1	US-09-866-108A-1895	Sequence 1895, Ap	507	14.4	0.3	20	1	US-09-332-785-374	Sequence 374, App
435	14.4	0.3	17	1	US-09-866-108A-6112	Sequence 6112, Ap	508	14.4	0.3	20	1	US-09-513-597A-8	Sequence 8, Appl1
436	14.4	0.3	17	1	US-09-866-108A-6113	Sequence 6113, Ap	509	14.2	0.3	19	1	US-08-222-177A-82	Sequence 82, Appl
437	14.4	0.3	17	1	US-09-866-108A-6119	Sequence 6119, Ap	510	14.2	0.3	19	1	US-08-321-080-8	Sequence 8, Appl1
438	14.4	0.3	17	1	US-09-866-108A-6200	Sequence 6200, Ap	511	14.2	0.3	19	1	US-08-756-728A-1	Sequence 1, Appl1
439	14.4	0.3	17	1	US-09-866-108A-6257	Sequence 6257, Ap	512	14.2	0.3	19	1	US-08-470-426B-21	Sequence 21, Appl
440	14.4	0.3	17	1	US-09-866-108A-6258	Sequence 6258, Ap	513	14.2	0.3	19	1	US-08-469-852A-2	Sequence 2, Appl1
441	14.4	0.3	17	1	US-09-866-108A-7410	Sequence 7409, Ap	514	14.2	0.3	19	1	US-08-271-882B-16	Sequence 16, Appl
442	14.4	0.3	17	1	US-09-866-108A-7419	Sequence 7410, Ap	515	14.2	0.3	19	1	US-08-295-509E-2	Sequence 2, Appl1
443	14.4	0.3	17	1	US-09-866-108A-7797	Sequence 7797, Ap	516	14.2	0.3	19	1	US-09-234-237-1	Sequence 1, Appl1
444	14.4	0.3	17	1	US-09-866-108A-7798	Sequence 7798, Ap	517	14.2	0.3	19	1	US-09-016-520-20	Sequence 20, Appl
445	14.4	0.3	17	1	US-09-866-108A-7798	Sequence 86, Appl	518	14.2	0.3	19	1	US-09-016-520-21	Sequence 21, Appl
446	14.4	0.3	17	1	US-09-385-219A-86	Sequence 5, Appl1	519	14.2	0.3	19	1	US-09-016-520-22	Sequence 22, Appl
447	14.4	0.3	18	1	US-07-976-103A-11	Sequence 11, Appl	520	14.2	0.3	19	1	US-09-016-520-23	Sequence 23, Appl
448	14.4	0.3	18	1	US-08-363-240A-1085	Sequence 1085, Ap	521	14.2	0.3	19	1	US-09-016-520-24	Sequence 24, Appl
449	14.4	0.3	18	1	US-08-321-613-5	Sequence 5, Appl1	522	14.2	0.3	19	1	US-09-016-520-25	Sequence 25, Appl
450	14.4	0.3	18	1	US-08-311-486C-1148	Sequence 1148, Ap	523	14.2	0.3	19	1	US-09-016-520-26	Sequence 26, Appl
451	14.4	0.3	18	1	US-08-473-481-11	Sequence 11, Appl	524	14.2	0.3	19	1	US-09-016-520-27	Sequence 27, Appl
452	14.4	0.3	18	1	US-08-940-332-4	Sequence 4, Appl1	525	14.2	0.3	19	1	US-09-016-520-31	Sequence 31, Appl
453	14.4	0.3	18	1	US-08-940-332-5	Sequence 5, Appl1	526	14.2	0.3	19	1	US-09-016-520-33	Sequence 33, Appl
454	14.4	0.3	18	1	US-09-357-072-17	Sequence 17, Appl	527	14.2	0.3	19	1	US-09-016-520-34	Sequence 34, Appl
455	14.4	0.3	18	1	US-08-338-352-12	Sequence 12, Appl	528	14.2	0.3	19	1	US-09-016-520-44	Sequence 44, Appl
456	14.4	0.3	18	1	US-08-584-040-2983	Sequence 2983, Ap	529	14.2	0.3	19	1	US-09-378-568-4	Sequence 4, Appl1
457	14.4	0.3	18	1	US-08-599-738A-11	Sequence 11, Appl	530	14.2	0.3	19	1	US-09-130-973-20	Sequence 20, Appl
458	14.4	0.3	18	1	US-09-350-982C-2	Sequence 2, Appl1	531	14.2	0.3	19	1	US-09-130-973-21	Sequence 21, Appl
459	14.4	0.3	18	1	US-09-332-409-151	Sequence 151, App	532	14.2	0.3	19	1	US-09-130-973-22	Sequence 22, Appl
460	14.4	0.3	18	1	US-09-260-629-12	Sequence 12, Appl	533	14.2	0.3	19	1	US-09-130-973-23	Sequence 23, Appl
461	14.4	0.3	18	1	US-09-451-527-151	Sequence 151, App	534	14.2	0.3	19	1	US-09-130-973-24	Sequence 24, Appl
462	14.4	0.3	18	1	US-09-422-978-7389	Sequence 7389, App	535	14.2	0.3	19	1	US-09-130-973-25	Sequence 25, Appl
463	14.4	0.3	18	1	US-09-422-978-9111	Sequence 9111, Ap	536	14.2	0.3	19	1	US-09-130-973-26	Sequence 26, Appl
464	14.4	0.3	18	1	US-09-371-772B-1411	Sequence 1411, Ap	537	14.2	0.3	19	1	US-09-130-973-27	Sequence 27, Appl
465	14.4	0.3	18	1	US-10-294-203-11	Sequence 11, Appl	538	14.2	0.3	19	1	US-09-130-973-31	Sequence 31, Appl
466	14.4	0.3	18	1	US-09-856-662-112	Sequence 112, App	539	14.2	0.3	19	1	US-09-130-973-33	Sequence 33, Appl
467	14.4	0.3	18	1	PCT-US96-11473A-16	Sequence 16, Appl	540	14.2	0.3	19	1	US-09-130-973-34	Sequence 34, Appl
468	14.4	0.3	19	1	US-08-110-161A-9	Sequence 9, Appl1	541	14.2	0.3	19	1	US-09-130-973-40	Sequence 40, Appl
469	14.4	0.3	19	1	US-08-110-161A-10	Sequence 10, Appl	542	14.2	0.3	19	1	US-09-477-902-20	Sequence 20, Appl
470	14.4	0.3	19	1	PCT-US94-09350-9	Sequence 9, Appl1	543	14.2	0.3	19	1	US-09-477-902-21	Sequence 21, Appl
471	14.4	0.3	19	1	PCT-US94-09350-10	Sequence 10, Appl	544	14.2	0.3	19	1	US-09-477-902-22	Sequence 22, Appl

253	15.2	0.3	20	1	US-09-407-675-1	Sequence 1, Appli	326	15	0.3	21	1	US-09-657-472-964	Sequence 964, App
254	15.2	0.3	20	1	US-08-569-147-10	Sequence 10, Appli	327	15	0.3	21	1	PCT-US92-03624-34	Sequence 34, Appli
C 255	15.2	0.3	20	1	US-09-250-075-1	Sequence 1, Appli	328	15	0.3	21	1	PCT-US94-07902-11	Sequence 11, Appli
C 256	15.2	0.3	20	1	US-09-173-936B-14	Sequence 14, Appli	C 329	14.8	0.3	18	1	US-08-469-177-8	Sequence 8, Appli
257	15.2	0.3	20	1	US-09-454-704A-13	Sequence 13, Appli	C 330	14.8	0.3	18	1	US-08-373-124A-2253	Sequence 2253, Ap
258	15.2	0.3	20	1	US-09-488-856A-83	Sequence 83, Appli	C 331	14.8	0.3	18	1	US-08-758-306-953	Sequence 953, App
259	15.2	0.3	20	1	US-09-324-542-83	Sequence 83, Appli	C 332	14.8	0.3	18	1	US-08-578-709-4	Sequence 4, Appli
C 260	15.2	0.3	20	1	US-09-462-261-57	Sequence 37, Appli	C 333	14.8	0.3	18	1	US-08-435-628-2253	Sequence 2253, Ap
C 261	15.2	0.3	20	1	US-09-588-950A-5	Sequence 5, Appli1	C 334	14.8	0.3	18	1	US-08-485-721-18	Sequence 18, Appli
C 262	15.2	0.3	20	1	US-09-851-520-80	Sequence 80, Appli	C 335	14.8	0.3	18	1	US-08-392-935-18	Sequence 18, Appli
C 263	15.2	0.3	20	1	US-09-056-285A-27	Sequence 27, Appli	C 336	14.8	0.3	18	1	US-09-212-771-36	Sequence 36, Appli
C 264	15.2	0.3	20	1	US-09-205-426-83	Sequence 83, Appli	C 337	14.8	0.3	18	1	US-08-863-639A-17	Sequence 17, Appli
C 265	15.2	0.3	20	1	US-09-506-073-126	Sequence 126, App	C 338	14.8	0.3	18	1	US-08-985-654-10	Sequence 10, Appli
266	15.2	0.3	20	1	US-09-619-103-26	Sequence 26, Appli	C 339	14.8	0.3	18	1	US-08-897-236-18	Sequence 18, Appli
C 267	15.2	0.3	20	1	US-09-331-930A-8	Sequence 8, Appli1	C 340	14.8	0.3	18	1	US-09-177-359-15	Sequence 15, Appli
C 268	15.2	0.3	20	1	US-09-726-096A-1	Sequence 1, Appli1	C 341	14.8	0.3	18	1	US-09-167-874-18	Sequence 18, Appli
269	15.2	0.3	20	1	US-09-603-830-55	Sequence 55, Appli	C 342	14.8	0.3	18	1	US-08-275-951-33	Sequence 33, Appli
270	15.2	0.3	20	1	US-09-976-978A-55	Sequence 55, Appli	C 343	14.8	0.3	18	1	US-09-500-253B-18	Sequence 18, Appli
271	15.2	0.3	20	1	US-09-198-452A-4302	Sequence 4302, Ap	C 344	14.8	0.3	18	1	US-09-422-978-5445	Sequence 5445, Ap
C 272	15.2	0.3	20	1	US-09-198-452A-5533	Sequence 5533, Ap	C 345	14.8	0.3	18	1	US-09-422-978-6099	Sequence 6099, Ap
C 273	15.2	0.3	20	1	US-09-344-260A-10	Sequence 10, Appli	C 346	14.8	0.3	18	1	PCT-US93-08326-18	Sequence 18, Appli
274	15.2	0.3	20	1	US-09-961-949A-55	Sequence 55, Appli	C 347	14.8	0.3	19	1	US-08-849-021-67	Sequence 67, Appli
275	15.2	0.3	20	1	US-09-966-491A-55	Sequence 55, Appli	C 348	14.8	0.3	19	1	US-09-360-416-136	Sequence 136, App
276	15.2	0.3	20	1	US-10-027-983-90	Sequence 90, Appli	C 349	14.8	0.3	19	1	US-09-907-794A-286	Sequence 286, App
277	15.2	0.3	20	1	US-09-957-313A-55	Sequence 35, Appli	C 350	14.8	0.3	19	1	US-09-905-125A-286	Sequence 286, App
C 278	15.2	0.3	20	1	US-09-980-052-217	Sequence 217, App	C 351	14.8	0.3	19	1	US-09-495-714C-90	Sequence 90, Appli
279	15.2	0.3	20	1	US-09-966-312-55	Sequence 55, Appli	C 352	14.8	0.3	19	1	US-09-902-775A-286	Sequence 286, App
280	15.2	0.3	20	1	US-09-975-062A-55	Sequence 55, Appli	C 353	14.8	0.3	19	1	US-09-906-700-286	Sequence 286, App
281	15.2	0.3	20	1	US-09-976-971A-55	Sequence 55, Appli	C 354	14.8	0.3	19	1	US-09-903-603A-286	Sequence 70, Appli
282	15.2	0.3	20	1	US-09-974-500A-55	Sequence 55, Appli	C 355	14.8	0.3	20	1	US-07-940-242A-71	Sequence 71, Appli
283	15.2	0.3	20	1	US-10-215-448-56	Sequence 66, Appli	C 356	14.8	0.3	20	1	US-07-940-242A-72	Sequence 72, Appli
C 284	15.2	0.3	20	1	US-10-215-448-59	Sequence 99, Appli	C 357	14.8	0.3	20	1	US-07-940-242A-74	Sequence 74, Appli
285	15.2	0.3	20	1	US-09-976-577-55	Sequence 55, Appli	C 358	14.8	0.3	20	1	US-08-126-593A-6	Sequence 6, Appli1
286	15.2	0.3	20	1	US-09-973-788A-55	Sequence 55, Appli	C 359	14.8	0.3	20	1	US-08-454-039A-6	Sequence 6, Appli1
287	15.2	0.3	20	1	US-09-976-617A-55	Sequence 55, Appli	C 360	14.8	0.3	20	1	US-09-258-371-17	Sequence 17, Appli
288	15.2	0.3	20	1	US-09-967-409A-55	Sequence 55, Appli	C 361	14.8	0.3	20	1	US-09-357-073-22	Sequence 22, Appli
289	15.2	0.3	20	1	US-09-820-279D-55	Sequence 55, Appli	C 362	14.8	0.3	20	1	US-09-357-070-38	Sequence 38, Appli
290	15.2	0.3	20	1	US-09-820-279D-55	Sequence 70, Appli	C 363	14.8	0.3	20	1	US-09-289-267-96	Sequence 96, Appli
291	15.2	0.3	20	1	US-09-957-318A-55	Sequence 55, Appli	C 364	14.8	0.3	20	1	US-09-444-053-74	Sequence 55, Appli
292	15.2	0.3	20	1	US-09-760-500A-55	Sequence 55, Appli	C 365	14.8	0.3	20	1	US-09-166-186-79	Sequence 79, Appli
293	15.2	0.3	20	1	US-09-981-344-55	Sequence 55, Appli	C 366	14.8	0.3	20	1	US-09-166-186-79	Sequence 79, Appli
294	15.2	0.3	20	1	PCT-US93-07603-6	Sequence 6, Appli1	C 367	14.8	0.3	20	1	US-08-751-230-17	Sequence 17, Appli
295	15.2	0.3	21	1	US-08-182-175A-17	Sequence 17, Appli	C 368	14.8	0.3	20	1	US-09-418-641-32	Sequence 32, Appli
296	15.2	0.3	21	1	US-08-474-633A-25	Sequence 25, Appli	C 369	14.8	0.3	20	1	US-09-499-082-17	Sequence 17, Appli
297	15.2	0.3	21	1	US-08-715-131-4	Sequence 4, Appli1	C 370	14.8	0.3	20	1	US-09-444-053-74	Sequence 74, Appli
298	15.2	0.3	21	1	US-08-913-547-13	Sequence 13, Appli	C 371	14.8	0.3	20	1	US-09-428-219-82	Sequence 82, Appli
299	15.2	0.3	21	1	US-09-231-753-4	Sequence 4, Appli1	C 372	14.8	0.3	20	1	US-09-488-671-163	Sequence 163, App
C 300	15.2	0.3	21	1	US-08-406-030A-16	Sequence 16, Appli	C 373	14.8	0.3	20	1	US-09-313-932-306	Sequence 306, App
C 301	15.2	0.3	21	1	US-08-823-771-25	Sequence 25, Appli	C 374	14.8	0.3	20	1	US-09-313-932-306	Sequence 306, App
C 302	15.2	0.3	21	1	US-09-422-978-10092	Sequence 9, Appli1	C 375	14.8	0.3	20	1	US-09-258-372-17	Sequence 17, Appli
C 303	15.2	0.3	21	1	US-09-862-847-9	Sequence 9, Appli1	C 376	14.8	0.3	20	1	US-09-522-217-15	Sequence 15, Appli
304	15.2	0.3	21	1	US-09-754-809-4	Sequence 4, Appli	C 377	14.8	0.3	20	1	US-09-496-694B-194	Sequence 194, App
305	15.2	0.3	21	1	PCT-US92-06412-17	Sequence 17, Appli	C 378	14.8	0.3	20	1	US-08-108-591B-4	Sequence 4, Appli1
306	15	0.3	17	1	US-09-866-108A-6765	Sequence 6765, App	C 379	14.8	0.3	20	1	US-09-702-227-54	Sequence 54, Appli
307	15	0.3	17	1	US-09-866-108A-6766	Sequence 6766, App	C 380	14.8	0.3	20	1	US-09-792-594-60	Sequence 60, Appli
308	15	0.3	17	1	US-09-866-108A-6767	Sequence 6767, App	C 381	14.8	0.3	20	1	US-09-658-679A-53	Sequence 53, Appli
C 309	15	0.3	18	1	US-09-358-381-17	Sequence 17, Appli	C 382	14.8	0.3	20	1	US-09-428-236-9	Sequence 9, Appli1
C 310	15	0.3	18	1	US-09-050-559C-25	Sequence 25, Appli	C 383	14.8	0.3	20	1	US-09-501-612A-26	Sequence 26, Appli
C 311	15	0.3	18	1	US-09-457-902-17	Sequence 17, Appli	C 384	14.8	0.3	20	1	US-09-060-299-344	Sequence 344, App
C 312	15	0.3	19	1	US-09-422-978-7301	Sequence 7301, App	C 385	14.8	0.3	20	1	US-09-402-923A-344	Sequence 344, App
C 313	15	0.3	20	1	US-08-256-426B-272	Sequence 272, App	C 386	14.8	0.3	20	1	US-09-198-452A-1502	Sequence 1502, App
C 314	15	0.3	20	1	US-09-159-871-7	Sequence 7, Appli1	C 387	14.8	0.3	20	1	US-09-198-452A-1502	Sequence 1502, App
C 315	15	0.3	20	1	US-09-780-175-50	Sequence 50, Appli	C 388	14.8	0.3	20	1	US-09-404-641-15	Sequence 15, Appli
C 316	15	0.3	20	1	US-08-705-477E-118	Sequence 118, App	C 389	14.8	0.3	20	1	US-09-081-385-57	Sequence 57, Appli
317	15	0.3	21	1	US-08-049-783-13	Sequence 13, Appli	C 390	14.8	0.3	20	1	US-09-923-246-15	Sequence 15, Appli
318	15	0.3	21	1	US-08-158-232-27	Sequence 27, Appli	C 391	14.8	0.3	20	1	US-09-907-794A-222	Sequence 222, App
319	15	0.3	21	1	US-08-304-626-27	Sequence 27, Appli	C 392	14.8	0.3	20	1	US-09-905-125A-222	Sequence 222, App
320	15	0.3	21	1	US-08-316-301A-34	Sequence 34, Appli	C 393	14.8	0.3	20	1	US-10-295-723-15	Sequence 15, Appli
321	15	0.3	21	1	US-08-611-928-27	Sequence 27, Appli	C 394	14.8	0.3	20	1	US-09-902-775A-222	Sequence 222, App
322	15	0.3	21	1	US-09-224-024-11	Sequence 11, Appli	C 395	14.8	0.3	20	1	US-10-414-186-15	Sequence 15, Appli
323	15	0.3	21	1	US-09-173-891-27	Sequence 27, Appli	C 396	14.8	0.3	20	1	US-10-414-186-15	Sequence 15, Appli
324	15	0.3	21	1	US-09-076-137-34	Sequence 34, Appli	C 397	14.8	0.3	20	1	US-10-414-186-17	Sequence 17, Appli
325	15	0.3	21	1	US-09-738-363-34	Sequence 34, Appli	C 398	14.8	0.3	20	1	US-08-468-719A-4	Sequence 4, Appli1

107	17.2	0.3	22	1	US-08-458-050-19	Sequence 19, Appl1	C 180	15.8	0.3	21	1	US-09-529-812A-8	Sequence 8, Appl1
108	17.2	0.3	22	1	US-08-847-844A-94	Sequence 94, Appl1	C 181	15.8	0.3	21	1	US-09-657-472-1211	Sequence 1211, Ap
109	17.2	0.3	22	1	US-08-950-196-19	Sequence 19, Appl1	C 182	15.8	0.3	21	1	US-09-657-472-1211	Sequence 1211, Ap
110	17.2	0.3	22	1	US-09-720-201A-25	Sequence 25, Appl1	C 183	15.6	0.3	22	1	US-07-977-284A-165	Sequence 165, App
111	17.2	0.3	23	1	US-09-074-357-16	Sequence 16, Appl1	C 184	15.6	0.3	22	1	US-08-379-078-429	Sequence 429, App
112	17.2	0.3	24	1	US-08-465-343A-7	Sequence 7, Appl1	C 185	15.6	0.3	22	1	US-08-556-426B-165	Sequence 165, App
C 113	16.8	0.3	20	1	US-09-487-445-85	Sequence 85, Appl1	C 186	15.6	0.3	22	1	US-08-776-971-79	Sequence 79, Appl1
C 114	16.8	0.3	20	1	US-09-060-299-78	Sequence 78, Appl1	C 187	15.6	0.3	22	1	US-09-177-650-34	Sequence 34, Appl1
C 115	16.8	0.3	20	1	US-09-402-923A-78	Sequence 78, Appl1	C 188	15.6	0.3	22	1	US-09-576-290-79	Sequence 79, Appl1
C 116	16.8	0.3	20	1	US-09-980-052-158	Sequence 158, App	C 189	15.6	0.3	22	1	PCT-US92-06840-10	Sequence 10, Appl1
C 117	16.8	0.3	21	1	US-08-066-325-29	Sequence 29, Appl1	C 190	15.4	0.3	17	1	US-08-849-021-3	Sequence 3, Appl1
C 118	16.8	0.3	21	1	US-08-753-147-31	Sequence 31, Appl1	C 191	15.4	0.3	17	1	US-08-849-021-4	Sequence 4, Appl1
C 119	16.8	0.3	21	1	US-08-932-978-4	Sequence 4, Appl1	C 192	15.4	0.3	17	1	US-08-849-021-5	Sequence 5, Appl1
C 120	16.8	0.3	23	1	US-08-585-888-44	Sequence 44, Appl1	C 193	15.4	0.3	17	1	US-08-849-021-6	Sequence 6, Appl1
C 121	16.8	0.3	23	1	US-09-195-991-44	Sequence 39, Appl1	C 194	15.4	0.3	17	1	US-09-371-772B-6931	Sequence 6931, Ap
C 122	16.6	0.3	21	1	PCT-US91-03680-39	Sequence 39, Appl1	C 195	15.4	0.3	18	1	US-08-468-212A-51	Sequence 51, Appl1
C 123	16.4	0.3	18	1	US-08-885-126-12	Sequence 12, Appl1	C 196	15.4	0.3	18	1	US-08-320-306-51	Sequence 51, Appl1
C 124	16.4	0.3	18	1	US-08-700-530-3	Sequence 3, Appl1	C 197	15.4	0.3	18	1	US-08-488-209B-51	Sequence 51, Appl1
C 125	16.4	0.3	18	1	US-08-700-530-4	Sequence 4, Appl1	C 198	15.4	0.3	18	1	US-08-408-011-51	Sequence 51, Appl1
C 126	16.4	0.3	19	1	US-09-544-398B-253	Sequence 253, App	C 199	15.4	0.3	18	1	US-09-163-162-29	Sequence 29, Appl1
C 127	16.4	0.3	20	1	US-07-940-342A-75	Sequence 75, Appl1	C 200	15.4	0.3	18	1	US-09-286-407-29	Sequence 29, Appl1
C 128	16.4	0.3	20	1	US-09-659-791A-65	Sequence 65, Appl1	C 201	15.4	0.3	18	1	US-09-437-076-5	Sequence 5, Appl1
C 129	16.4	0.3	20	1	US-09-198-452A-4847	Sequence 4847, Ap	C 202	15.4	0.3	18	1	US-09-437-076-6	Sequence 6, Appl1
C 130	16.4	0.3	20	1	US-09-081-385-40	Sequence 40, Appl1	C 203	15.4	0.3	18	1	US-09-496-694B-38	Sequence 38, Appl1
C 131	16.4	0.3	21	1	US-09-657-472-2069	Sequence 2069, Ap	C 204	15.4	0.3	18	1	US-09-496-694B-78	Sequence 78, Appl1
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Searched: 1415 segs, 26783 residues

Total number of hits satisfying chosen parameters: 2830

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1427 summaries

Database : rnt3.seq:*

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and is derived by analysis of the total score distribution.

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/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elshamian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-118
/ CURRENT APPLICATION NUMBER: US/09/976,971A
/ CURRENT FILING DATE: 2001-10-12
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
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/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
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/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elshamian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-117
/ CURRENT APPLICATION NUMBER: US/09/974,500A
/ CURRENT FILING DATE: 2002-04-01
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/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
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/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
/ FILE REFERENCE: RTS-0179
/ CURRENT APPLICATION NUMBER: US/10/215,448
/ CURRENT FILING DATE: 2002-08-09
/ NUMBER OF SEQ ID NOS: 105
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/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
/ FILE REFERENCE: RTS-0179
/ CURRENT APPLICATION NUMBER: US/10/215,448
/ CURRENT FILING DATE: 2002-08-09
/ NUMBER OF SEQ ID NOS: 105
/ SEQ ID NO 99
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
US-10-215-448-99
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Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2217 ACCCGAGCTCAGAGACTCT 2236
Db 20 ACCCGAGCTCTGATTAAGCTT 1
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```
RESULT 285
US-09-976-577-55
; Sequence 55, Application US/09976577
; Patent No. 6720147
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-120
; CURRENT APPLICATION NUMBER: US/09/976,577
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-577-55
;
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 286
US-09-973-788A-55
; Sequence 55, Application US/09973788A
; Patent No. 6720411
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-110
; CURRENT APPLICATION NUMBER: US/09/973,788A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
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; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-973-788A-55
;
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 287
US-09-976-617A-55
; Sequence 55, Application US/09976617A
; Patent No. 6730269
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-124
; CURRENT APPLICATION NUMBER: US/09/976,617A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-617A-55
;
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 288
US-09-967-409A-55
```

```
Sequence 55, Application US/09967409A
Patent No. 6740491
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND US97/12783
FILE REFERENCE: 00-713-16
CURRENT APPLICATION NUMBER: US/09/967,409A
CURRENT FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-967-409A-55

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      5393 AAAAAATACAAAGAA 5412
Db      1 AAAAAAAAAAAAAAAAAA 20

RESULT 289
US-09-820-279D-55
Sequence 55, Application US/09820279D
Patent No. 6750016
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
APPLICANT: Garimella, Viswanadham
APPLICANT: Li, Zhi
APPLICANT: Park, So-Jung
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND US97/12783
FILE REFERENCE: 00-1085-A
CURRENT APPLICATION NUMBER: US/09/820,279D
CURRENT FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
```

```
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 60/213,906
PRIOR FILING DATE: 2000-06-26
Remaindng Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 76
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-820-279D-55

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      5393 AAAAAATACAAAGAA 5412
Db      1 AAAAAAAAAAAAAAAAAA 20

RESULT 290
US-09-820-279D-70
Sequence 70, Application US/09820279D
Patent No. 6750016
GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storchoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
APPLICANT: Garimella, Viswanadham
APPLICANT: Li, Zhi
APPLICANT: Park, So-Jung
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND US97/12783
FILE REFERENCE: 00-1085-A
CURRENT APPLICATION NUMBER: US/09/820,279D
CURRENT FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/176,409
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/192,699
PRIOR FILING DATE: 2000-03-28
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 60/213,906
PRIOR FILING DATE: 2000-06-26
Remaindng Prior Application data removed - See File Wrapper or PALM.
```

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; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-820-279D-70
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```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

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QY      5393 AAAAAATACAAAAGAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAA 20
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RESULT 291
US-09-957-318A-55
; Sequence 55, Application US/09957318A
; Patent No. 6759199
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Bighanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-12
; CURRENT APPLICATION NUMBER: US/09/957,318A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-957-318A-55
```

```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAGAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAA 20
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```
RESULT 292
US-09-760-500A-55
; Sequence 55, Application US/09760500A
; Patent No. 6767702
; GENERAL INFORMATION:
```

```
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Bighanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-715-A
; CURRENT APPLICATION NUMBER: US/09/760,500A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-760-500A-55
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```
Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAGAA 5412
Db      1 AAAAAAAAAAAAAAAAAAAAA 20
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```
RESULT 293
US-09-981-344-55
; Sequence 55, Application US/09981344
; Patent No. 6777186
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Bighanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-122
; CURRENT APPLICATION NUMBER: US/09/981,344
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
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SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: random
US-09-381-344-55

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 5393 AAAAAATACAAAAAGAA 5412
|||||
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 294
PCT-US93-07603-6
Sequence 6, Application PC/TUS9307603
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: NUCLEIC ACID RECOGNITION AND TRANSPORT
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESSES:
ADDRESSER: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
CITY: Boston
STATE: Massachusetts
COUNTRY: United States of America
ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/07603
FILING DATE: 19930813
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/930,087
FILING DATE: 14-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Gates, Edward R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: M0636/7007W0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-720-3500
TELEFAX: 617-720-2441
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: Synthetic RNA oligonucleotide.
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US93-07603-6

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 5393 AAAAAATACAAAAAGAA 5412
|||||
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 295

US-08-182-175A-17
Sequence 17, Application US/08182175A
Patent No. 5559223
GENERAL INFORMATION:
APPLICANT: Saverio Carl Palco
APPLICANT: Sharon J. Keeleer
APPLICANT: Janet A. Rice
TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing P
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESSES:
ADDRESSER: E.I. du Pont de Nemours and Company
STREET: 1007 Market Street
CITY: Wilmington
STATE: Delaware
COUNTRY: USA
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: Macintosh
OPERATING SYSTEM: Macintosh System, 6.0
SOFTWARE: Microsoft Word, 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,175A
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/743,006
FILING DATE: 9 August 1991
ATTORNEY/AGENT INFORMATION:
NAME: Linda Axamethy Floyd
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1031
TELECOMMUNICATION INFORMATION:
TELEPHONE: (302) 992-4929
TELEFAX: (302) 892-7949
TELEX: 835420
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..21
OTHER INFORMATION: /product= "synthetic oligonucleotide"
OTHER INFORMATION: /standard_name= "SM 82"
US-08-182-175A-17

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 570 GAAGAAGAGAGAGCTGAAG 589
|||||
Db 1 GATGAGAGAGAGCTGAAG 20

RESULT 296
US-08-474-633A-25
Sequence 25, Application US/08474633A
Patent No. 5773691
GENERAL INFORMATION:
APPLICANT: E. I. DU PONT DE NEMOURS AND
APPLICANT: COMPANY
TITLE OF INVENTION: CHIMERIC GENES AND
METHODS FOR INCREASING
TITLE OF INVENTION: INCREASING THE LYSINE
TITLE OF INVENTION: AND THREONINE CONTENT
TITLE OF INVENTION: OF THE SEEDS OF PLANTS
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESSES:
US-08-474-633A-25

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 5393 AAAAAATACAAAAAGAA 5412
|||||
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 295

```

; ADDRESSEE: E. I. DU PONT DE NEMOURS
; ADDRESSEE: AND COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MICROSOFT WORD VERSION 2.0C
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,633A
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: BARBARA C. SIEGEL
; REGISTRATION NUMBER: 30,684
; REFERENCE/DOCKET NUMBER: BB-1037-C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-992-4931
; TELEFAX: 302-773-0164
; TELEX: 935420
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..21
; OTHER INFORMATION: /product="synthetic
; OTHER INFORMATION: oligonucleotide"
; OTHER INFORMATION: /standard_name="SM
; OTHER INFORMATION: 82"
; US-08-474-633A-25

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      570 GAAGAAGAGAGCTGAAG 589
      |||||
Db      1 GATGAGAGAGAGCTGAAG 20

RESULT 297
; US-08-715-131-4
; Sequence 4, Application US/08715131
; Patent No. 5854416
; GENERAL INFORMATION:
; APPLICANT: Sampson, Jacquelyn S.
; APPLICANT: Russell, Harold
; APPLICANT: Tharpe, Jean A.
; APPLICANT: Ades, Edwin W.
; APPLICANT: Carlone, George M.
; TITLE OF INVENTION: STREPTOCOCCUS PNEUMONIAE 37-kDa SURFACE
; TITLE OF INVENTION: ADHESION A PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Needle & Rosenberg, P. C.
; STREET: 127 Peachtree Street, Suite 1200
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303-1811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
```

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; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/715,131
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sprate, Gwendolyn D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 14114.0200
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404) 688-0770
; TELEFAX: (404) 688-9880
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-715-131-4

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1463 TCAGAGCTTATTGGCCCA 1482
      |||||
Db      1 TCAGAGCTTATTGGCCA 20

RESULT 298
; US-08-913-547-13
; Sequence 13, Application US/08913547A
; Patent No. 6027891
; GENERAL INFORMATION:
; APPLICANT: VON KREBEL-DOHERITZ, Magnus
; APPLICANT: WORSER, Stefano
; APPLICANT: EMERICH, Florian
; TITLE OF INVENTION: A METHOD OF EARLY DETECTION OF
; TITLE OF INVENTION: HPV-ASSOCIATED CARCINOMAS AND EXTREME DYSPLASIAS
; TITLE OF INVENTION: CAUSED BY HPV
; FILE REFERENCE: 035280028999
; CURRENT APPLICATION NUMBER: US/08/913,547A
; CURRENT FILING DATE: 1998-01-28
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-08-913-547-13

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1907 CTCTCGAAGACCTATTCCT 1926
      |||||
Db      1 CTCTCGAAGACATCATCCT 20

RESULT 299
; US-09-221-753-4
; Sequence 4, Application US/09221753
; Patent No. 6217884
; GENERAL INFORMATION:
; APPLICANT: SAMPSON, JACQUELYN S.
; APPLICANT: RUSSELL, HAROLD
; APPLICANT: THARPE, JEAN A.
; APPLICANT: ADES, EDWIN W.
; APPLICANT: CARLONE, GEORGE M.
; TITLE OF INVENTION: STREPTOCOCCUS PNEUMONIAE 37 kDa SURFACE
; TITLE OF INVENTION: ADHESIN A PROTEIN
```


FILE REFERENCE: 64778 US
CURRENT APPLICATION NUMBER: US/09/221,753
CURRENT FILING DATE: 1998-12-28
EARLIER APPLICATION NUMBER: US 07/791,377
EARLIER FILING DATE: 1991-09-17
EARLIER APPLICATION NUMBER: US 07/816,286
EARLIER FILING DATE: 1992-01-03
EARLIER APPLICATION NUMBER: US 08/222,179
EARLIER FILING DATE: 1994-04-04
EARLIER APPLICATION NUMBER: US 08/715,131
EARLIER FILING DATE: 1996-09-17
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO: 4
LENGTH: 21
TYPE: DNA
ORGANISM: UNKNOWN
FEATURE:
OTHER INFORMATION: PRIMER
US-09-221-753-4

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3;

OY 1463 TCAGAGCTATTGGCCCA 1482
DB 1 TCAGAGCTATTGGCCCA 20

RESULT 300
US-08-406-030A-16/c
Sequence 16, Application US/08406030A
Patent No. 6270989
GENERAL INFORMATION:
APPLICANT: Treco, Douglas A.
APPLICANT: Heartlein, Michael W.
APPLICANT: Hauge, Brian M.
APPLICANT: Selden, Richard P
TITLE OF INVENTION: Protein Production and Delivery
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Miltilia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/406,030A
FILING DATE: 17-MAR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/243,391
FILING DATE: 13-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/985,586
FILING DATE: 03-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/911,533
FILING DATE: 10-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/787,840
FILING DATE: 05-NOV-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/789,188
FILING DATE: 05-NOV-1991
PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/11704
FILING DATE: 02-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/09627
FILING DATE: 05-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: TKT95-01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-406-030A-16

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3;

OY 4206 CATTCCGTCACCTCTGTGG 4225
DB 20 CATTCTGTCTCTGTGAGG 1

RESULT 301
US-08-823-771-25
Sequence 25, Application US/08823771
Patent No. 6453019
GENERAL INFORMATION:
APPLICANT: E. I. DU PONT DE NEMOURS AND COMPANY
TITLE OF INVENTION: CHIMERIC GENES AND METHODS FOR INCREASING INCREASING THE LYSINE AND THREONINE CONTENT
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. DU PONT DE NEMOURS AND COMPANY
STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: DELAWARE
COUNTRY: U.S.A.
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/823,771
FILING DATE: 24-MAR-1997
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/474,633
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: BARBARA C. SIEGEL
REGISTRATION NUMBER: 30,684
REFERENCE/DOCKET NUMBER: BB-1037-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-992-4931
TELEFAX: 302-773-0164
TELEX: 835420
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs

```

;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
;   NAME/KEY: misc_feature
;   LOCATION: 1..21
;   OTHER INFORMATION: /product= "synthetic
;   oligonucleotide"
;   /standard_name= "SM
;   82"
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-08-823-771-25

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      570 GAAAGAGAGAGAGCTGAGG 589
Db      1 GATGAGAGAGAGCTGAGG 20

RESULT 302
US-09-422-978-10092/c
; Sequence 10092, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10092
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-9424 for SEQ 2227, in compleme
US-09-422-978-10092

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2481 GGAAGACCGCTAGAGCAT 2500
Db      20 GGAAGAACGCTAGAGCAT 1

RESULT 303
US-09-862-847-9/c
; Sequence 9, Application US/09862847
; Patent No. 6593111
; GENERAL INFORMATION:
; APPLICANT: Bartic, Ralph S.
; APPLICANT: Boyd, Yount
; TITLE OF INVENTION: DIRECTION ASSEMBLY OF LARGE VIRAL GENOMES AND CHROMOSOMES
; FILE REFERENCE: 5470.270
; CURRENT APPLICATION NUMBER: US/09/862,847
; CURRENT FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: US 60/206,537
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;
; PRIOR FILING DATE: 2000-05-21
; PRIOR APPLICATION NUMBER: US 60/285,320
; PRIOR FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer.
US-09-862-847-9

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2771 AGCTCTAGTGTGCACTTC 2790
Db      20 AGGTCTAGTGTGCACTTC 1

RESULT 304
US-09-754-809-4
; Sequence 4, Application US/09754809
; Patent No. 6773880
; GENERAL INFORMATION:
; APPLICANT: SAMPSON, JACQUELYN S.
; APPLICANT: RUSSELL, HAROLD
; APPLICANT: THARPE, JEAN A.
; APPLICANT: ADES, EDWIN W.
; APPLICANT: CARLONE, GEORGE M.
; TITLE OF INVENTION: STREPTOCOCCUS PNEUMONIAE 37 kDa SURFACE
; FILE REFERENCE: 64778 US
; CURRENT APPLICATION NUMBER: US/09/754,809
; CURRENT FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: US/09/221,753
; PRIOR FILING DATE: 1998-12-28
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 07/791,377
; PRIOR FILING DATE: EARLIER FILING DATE: 1991-09-17
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 07/816,286
; PRIOR FILING DATE: EARLIER FILING DATE: 1992-01-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/222,179
; PRIOR FILING DATE: EARLIER FILING DATE: 1994-04-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/715,131
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: UNKNOWN
; FEATURE:
; OTHER INFORMATION: PRIMER
US-09-754-809-4

Query Match          0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1463 TCAGAGCTTATTGGCCCA 1482
Db      1 TCAGAGCTTATTGGCAA 20

RESULT 305
PCT-US92-06412-17
; Sequence 17, Application PC/TUS9206412
; GENERAL INFORMATION:
; APPLICANT: Saverio Carl Falco
; APPLICANT: Sharon J. Keeler
; APPLICANT: Janet A. Rice
```

```

; TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing F
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. du Pont de Nemours and Company
; STREET: 1007 Market Street
; CITY: Wilmington
; STATE: Delaware
; COUNTRY: USA
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: Macintosh System, 6.0
; SOFTWARE: Microsoft Word, 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/06412
; FILING DATE: 19920807
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/743,006
; FILING DATE: 9 August 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Linda Axamechy Floyd
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (302) 992-4829
; TELEFAX: (302) 892-7949
; TELEX: 835420
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..21
; OTHER INFORMATION: /product= "synthetic oligonucleotide"
; OTHER INFORMATION: /standard_name= "SM 82"
; PCT-US92-06412-17

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 570 GAAGAGGAGGAGCTGAAG 589
Db 1 GATGAGGAGGAGCTGAAG 20

RESULT 306
US-09-866-108A-6765
; Sequence 6765, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
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; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO: 6765
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6765

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3034 CTCCTGAGACCTG 3048
Db 3 CTCCTGAGACCTG 17

RESULT 307
US-09-866-108A-6766
; Sequence 6766, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
```

; Patent No. 6686188
; SEQ ID NO 6766
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6766

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGAGACCTG 3048
DB 2 CTCCTGAGACCTG 16

RESULT 308
US-09-866-108A-6767

; Sequence 6767, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MCA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A60MCA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6767
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6767

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGAGACCTG 3048
DB 1 CTCCTGAGACCTG 15

RESULT 309
US-09-358-381-17/c

; Sequence 17, Application US/09358381
; Patent No. 6020199
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: RTS-0079
; CURRENT APPLICATION NUMBER: US/09/358,381
; CURRENT FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-358-381-17

Query Match 0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2240 CTCGTGCTGCTGAG 2254
DB 18 CTCGTGCTGCTGAG 4

RESULT 310
US-09-050-559C-25
; Sequence 25, Application US/09050559C
; Patent No. 6096502
; GENERAL INFORMATION:
; APPLICANT: Sam S-K Lee
; TITLE OF INVENTION: NOVEL SUBSTRATE FOR DETECTING UL9
; TITLE OF INVENTION: HELICASE ACTIVITY
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David J. Wertz, Wilson Sonsini Goodrich
; ADDRESSEE: & Rosati
; STREET: 650 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1050
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; OPERATING SYSTEM: IBM compatible
; SOFTWARE: Wordperfect for windows 95/DOS 5.0
; SOFTWARE: ASCII (DOS) TEXT format
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/050,559C
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: David J. Wertz
; REGISTRATION NUMBER: 38,362
; REFERENCE/DOCKET INFORMATION:
; TELEPHONE: (650) 493-9300
; TELEFAX: (650) 493-6811
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-09-050-559C-25

Query Match 0.3%; Score 15; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAG 1195
DB 1 GAGAAAGAGAGAG 15

RESULT 311

US-09-577-902-17/c
Sequence 17, Application US/09577902
Patent No. 6284538
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
APPLICANT: Robert McKay
TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
FILE REFERENCE: ISPH-0463
CURRENT APPLICATION NUMBER: US/09/577,902
CURRENT FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: US 09/358,381
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: PCT/US99/29594,
PRIOR FILING DATE: 1999-12-14
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 17
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-577-902-17

Query Match 0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2240 CTCGCTGCTGAGG 2254
DB 18 CTCGCTGCTGAGG 4

RESULT 312

US-09-422-978-7301/c
Sequence 7301, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7301
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURES:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-3542 for SEQ 3367,
US-09-422-978-7301

Query Match 0.3%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 4e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1329 GAAATAGAGATT 1343
DB 15 GAAATAGAGATT 1

RESULT 313

US-08-256-426B-272/c
Sequence 272, Application US/08256426B
Patent No. 5948611
GENERAL INFORMATION:
APPLICANT: Prockop, Darwin J.
APPLICANT: Ala-Kotko, Leena
APPLICANT: Williams, Charlene J.
APPLICANT: Rivanien, Pertti
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofar Nina
TITLE OF INVENTION: Methods of Detecting A Genetic
NUMBER OF SEQUENCES: 293
CORRESPONDENCE ADDRESS:
ADDRESSES: Woodcock Washburn Kurtz Mackiewicz & No. 5948611iris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 3.1
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,426B
FILING DATE: 03-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Mark Deluca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TTU-1082
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 272:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
US-08-256-426B-272

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1294 TCTGTAGAGAGAC 1308
DB 15 TCTGTAGAGAGAC 1

RESULT 314

US-09-159-871-7
Sequence 7, Application US/09159871A
Patent No. 6420136
GENERAL INFORMATION:
APPLICANT: RABOWOL, Karl T.

```

; TITLE OF INVENTION: METHOD OF MODULATING P53 ACTIVITY
; FILE REFERENCE: 028722-181
; CURRENT APPLICATION NUMBER: US/09/159,871A
; CURRENT FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: US 60/060,138
; PRIOR FILING DATE: 1997-09-26
; PRIOR APPLICATION NUMBER: US 09/006,783
; PRIOR FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-159-871-7

Query Match          0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3292 CTGAGGAGCTAGAC 3306
Db      1 CTGAGGAGCTAGAC 15

RESULT 315
US-09-780-175-50
; Sequence 50, Application US/09780175
; Patent No. 6440738
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
; FILE REFERENCE: RTS-0164
; CURRENT APPLICATION NUMBER: US/09/780,175
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-175-50

Query Match          0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3461 AGCTGCTCATCTTCA 3475
Db      2 AGCTGCTCATCTTCA 16

RESULT 316
US-08-705-477E-118/C
; Sequence 118, Application US/08705477E
; Patent No. 6569432
; GENERAL INFORMATION:
; APPLICANT: Israel, Ron S
; APPLICANT: Heston, Warren D.W.
; APPLICANT: Fair, William R.
; APPLICANT: Overfell, Ouathek
; APPLICANT: Pinto, John
; TITLE OF INVENTION: PROSTATE-SPECIFIC MEMBRANE ANTIGEN AND USES THEREOF
; FILE REFERENCE: 1769/41426-G
; CURRENT APPLICATION NUMBER: US/08/705,477E
; CURRENT FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 118
; LENGTH: 20
```

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-08-705-477E-118

Query Match          0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2619 CCTGATGAGTGGGT 2633
Db      16 CCTGATGAGTGGGT 2

RESULT 317
US-08-049-783-13
; Sequence 13, Application US/08049783
; Patent No. 5439881
; GENERAL INFORMATION:
; APPLICANT: Narva, Kenneth E
; APPLICANT: Schwab, George E
; APPLICANT: Payne, Jewel M
; TITLE OF INVENTION: Gene Encoding No. 5439881e1 Nematode-Active
; TITLE OF INVENTION: Toxins Cloned from Bacillus thuringiensis Isolates
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jeff Lloyd
; STREET: 2421 N.W. 41st Street
; CITY: Gainesville
; STATE: FL
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/049,783
; FILING DATE: 19930419
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lloyd, Jeff
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 904-375-8100
; TELEFAX: 904-372-5800
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-049-783-13

Query Match          0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 4.4e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      5271 AAGGAGTTTATCAGAAAT 5291
Db      1 AATGAGTWTATCTCGTAAAT 21

RESULT 318
US-08-158-232-27
; Sequence 27, Application US/08158232
; Patent No. 5596071
; GENERAL INFORMATION:
; APPLICANT: Payne, Jewel
; APPLICANT: Kennedy, M. Keith
; APPLICANT: Randall, John Brooks
; APPLICANT: Meier, Henry
; APPLICANT: Vick, Heidi Jane
```

```

: APPLICANT: Foncecrada, Luis
: APPLICANT: Schnepf, H. Ernest
: APPLICANT: Schwab, George E.
: APPLICANT: Fu, Jenny
: TITLE OF INVENTION: No. 5596071e1 Bacillus thuringiensis Toxins Active
: TITLE OF INVENTION: Against Hymenopteran Pests
: NUMBER OF SEQUENCES: 51
: CORRESPONDENCE ADDRESS:
: ADDRESS: David R. Saliwanchik
: STREET: 2421 N.W. 41st Street, Suite A-1
: CITY: Gainesville
: STATE: FL
: COUNTRY: USA
: ZIP: 32606
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/158,232
: FILING DATE:
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/887,980
: FILING DATE: 22-MAY-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/797,645
: FILING DATE: 25-NOV-1991
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/703,977
: FILING DATE: 22-MAY-1991
: ATTORNEY/AGENT INFORMATION:
: NAME: Saliwanchik, David R.
: REGISTRATION NUMBER: 31,794
: REFERENCE/DOCKET NUMBER: M/SCJ104.C1
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 904-375-8100
: TELEFAX: 904-372-5800
: INFORMATION FOR SEQ ID NO: 27:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 21 bases
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (synthetic)
: US-08-158-232-27

Query Match          0.3%; Score 15; DB 1; Length 21,
Best Local Similarity 71.4%; Pred. No. 4.4e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      5271 AAGGAGTTTATTCAGAAAT 5291
Db      1 AATGAGTWTATCCGWTMAAT 21

RESULT 319
US-08-304-626-27
: Sequence 27, Application US/08304626
: Patent No. 5616495
: GENERAL INFORMATION:
: APPLICANT: Payne, Jewel M.
: APPLICANT: Kennedy, M. Keith
: APPLICANT: Randall, John Brooks
: APPLICANT: Meier, Henry
: APPLICANT: Uick, Heidi Jane
: APPLICANT: Foncecrada, Luis
: APPLICANT: Schnepf, Harry E.
: APPLICANT: Schwab, George E.
: TITLE OF INVENTION: No. 5616495e1 Bacillus thuringiensis Isolates
: TITLE OF INVENTION: Active Against Hymenopteran Pests and Genes Encoding
: TITLE OF INVENTION: Hymenopteran-Active Toxins
```

```

: NUMBER OF SEQUENCES: 39
: CORRESPONDENCE ADDRESS:
: ADDRESS: David R. Saliwanchik
: STREET: 2421 N.W. 41st Street, Suite A-1
: CITY: Gainesville
: STATE: FL
: COUNTRY: USA
: ZIP: 32606
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/304,626
: FILING DATE:
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/07/887,980
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Saliwanchik, David R.
: REGISTRATION NUMBER: 31,794
: REFERENCE/DOCKET NUMBER: M/SCJ 104
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 904-375-8100
: TELEFAX: 904-372-5800
: INFORMATION FOR SEQ ID NO: 27:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 21 bases
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (synthetic)
: US-08-304-626-27

Query Match          0.3%; Score 15; DB 1; Length 21,
Best Local Similarity 71.4%; Pred. No. 4.4e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      5271 AAGGAGTTTATTCAGAAAT 5291
Db      1 AATGAGTWTATCCGWTMAAT 21

RESULT 320
US-08-316-301A-34
: Sequence 34, Application US/08316301A
: Patent No. 5753492
: GENERAL INFORMATION:
: APPLICANT: Schnepf, Harry E.
: APPLICANT: Schwab, George E.
: APPLICANT: Payne, Jewel M.
: APPLICANT: Narva, Kenneth E.
: APPLICANT: Foncecrada, Luis
: TITLE OF INVENTION: No. 5753492e1 Nematode-Active Toxins and Genes
: TITLE OF INVENTION: Which Code Therefor
: NUMBER OF SEQUENCES: 42
: CORRESPONDENCE ADDRESS:
: ADDRESS: Saliwanchik & Saliwanchik
: STREET: 2421 N.W. 41st Street, Suite A-1
: CITY: Gainesville
: STATE: FL
: COUNTRY: USA
: ZIP: 32606
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/316,301A
: FILING DATE: 30-SEP-1994
```

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/871,510
FILING DATE: 23-APR-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/693,018
FILING DATE: 03-MAY-1991
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/565,544
FILING DATE: 10-AUG-1990
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/084,653
FILING DATE: 12-AUG-1987
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/830,050
FILING DATE: 31-JAN-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lloyd, Jeff
REGISTRATION NUMBER: 35,589
REFERENCE/DOCKET NUMBER: MA20CCCD1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 904-375-8100
TELEFAX: 904-372-5800
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
US-08-316-301A-34

Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 4.4e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGGAGTTTATTCAGAAAT 5291
DB 1 AATGAAGTWTATCCGWTMAAT 21

RESULT 321
US-08-611-928-27
Sequence 27, Application US/08611928
Patent No. 5824792
GENERAL INFORMATION:
APPLICANT: Payne, Jewel
APPLICANT: Kennedy, M. Keith
APPLICANT: Randall, John Brooks
APPLICANT: Meier, Henry
APPLICANT: Vick, Heidi Jane
APPLICANT: Foncerrada, Luis
APPLICANT: Schnepf, H. Ernest
APPLICANT: Schwab, George E.
APPLICANT: Fu, Jenny
TITLE OF INVENTION: No. 5824792el Bacillus thuringiensis Toxins Active
TITLE OF INVENTION: Against Hymenopteran Pests
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: David R. Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: FL
COUNTRY: USA
ZIP: 32606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/611,928
FILING DATE: 06-MAR-1996
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/158,232
FILING DATE: 24-NOV-1993
APPLICATION NUMBER: US 07/887,980
FILING DATE: 22-MAY-1992
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,645
FILING DATE: 25-NOV-1991
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/703,977
FILING DATE: 22-MAY-1991
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Saliwanchik, David R.
REGISTRATION NUMBER: 31,794
TELECOMMUNICATION INFORMATION:
TELEPHONE: 904-375-8100
TELEFAX: 904-372-5800
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
US-08-611-928-27

Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 4.4e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGGAGTTTATTCAGAAAT 5291
DB 1 AATGAAGTWTATCCGWTMAAT 21

RESULT 322
US-09-224-024-11
Sequence 11, Application US/09224024
Patent No. 6056953
GENERAL INFORMATION:
APPLICANT: Leelle Hickle
APPLICANT: Jewel Payne
TITLE OF INVENTION: Materials and Methods for the Control of
TITLE OF INVENTION: Calliphoridae Pests
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: David R. Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: FL
COUNTRY: USA
ZIP: 32606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/224,024
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/856,226


```
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Saliwanchik, David R.
/ REGISTRATION NUMBER: 31,794
/ REFERENCE/DOCKET NUMBER: MA79
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 904-375-8100
/ TELEFAX: 904-372-5800
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (synthetic)
/ US-09-224-024-11

Query Match
Best Local Similarity 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 4.4e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AACGAAGTTATTCAGAAAT 5291
DB 1 AATGAAGTWTATCCWGTMAAT 21

RESULT 323
US-09-173-891-27
/ Sequence 27, Application US/09173891
/ Patent No. 6077937
/ GENERAL INFORMATION:
/ APPLICANT: Payne, Jewel
/ APPLICANT: Kennedy, M. Keith
/ APPLICANT: Randall, John Brooks
/ APPLICANT: Meier, Henry
/ APPLICANT: Vick, Heidi Jane
/ APPLICANT: Fonceerrada, Luis
/ APPLICANT: Schuepf, H. Ernest
/ APPLICANT: Schwab, George E.
/ APPLICANT: Fu, Jenny
/ TITLE OF INVENTION: No. 6077937e1 Bacillus thuringiensis Toxins Active
/ TITLE OF INVENTION: Against Hymenopteran Pests
/ NUMBER OF SEQUENCES: 51
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: David R. Saliwanchik
/ STREET: 2421 N.W. 41st Street, Suite A-1
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: USA
/ ZIP: 32606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/173,891
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/158,232
/ FILING DATE:
/ APPLICATION NUMBER: US 07/887,980
/ FILING DATE: 22-MAY-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/797,645
/ FILING DATE: 25-NOV-1991
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/703,977
/ FILING DATE: 22-MAY-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Saliwanchik, David R.
/ REGISTRATION NUMBER: 31,794
```

```
/ REFERENCE/DOCKET NUMBER: M/SCJ104.C1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 904-375-8100
/ TELEFAX: 904-372-5800
/ INFORMATION FOR SEQ ID NO: 27:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (synthetic)
/ US-09-173-891-27

Query Match
Best Local Similarity 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 4.4e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AACGAAGTTATTCAGAAAT 5291
DB 1 AATGAAGTWTATCCWGTMAAT 21

RESULT 324
US-09-076-137-34
/ Sequence 34, Application US/09076137B
/ Patent No. 6166195
/ GENERAL INFORMATION:
/ APPLICANT: Schuepf, Harry E.
/ APPLICANT: Schwab, George E.
/ APPLICANT: Payne, Jewel M.
/ APPLICANT: Narva, Kenneth E.
/ APPLICANT: Fonceerrada, Luis
/ TITLE OF INVENTION: No. 6166195e1 Nematode-Active Toxins and Genes Which Code
/ TITLE OF INVENTION: Therefor
/ FILE REFERENCE: MA-20CCD2
/ CURRENT APPLICATION NUMBER: US/09/076,137B
/ CURRENT FILING DATE: 1998-05-12
/ EARLIER APPLICATION NUMBER: 08/316,301
/ EARLIER FILING DATE: 1994-09-30
/ NUMBER OF SEQ ID NOS: 42
/ SOFTWARE: Patent in Ver. 2.1
/ SEQ ID NO 34
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
/ OTHER INFORMATION: probe
/ US-09-076-137-34

Query Match
Best Local Similarity 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 4.4e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AACGAAGTTATTCAGAAAT 5291
DB 1 AATGAAGTWTATCCWGTMAAT 21

RESULT 325
US-09-738-363-34
/ Sequence 34, Application US/09738363
/ Patent No. 653792
/ GENERAL INFORMATION:
/ APPLICANT: Schuepf, Harry E.
/ APPLICANT: Schwab, George E.
/ APPLICANT: Payne, Jewel M.
/ APPLICANT: Narva, Kenneth E.
/ APPLICANT: Fonceerrada, Luis
/ TITLE OF INVENTION: Nematocidal Proteins
/ NUMBER OF SEQUENCES: 40
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Jay M. Sanders
```

```
/ STREET: 2421 N.W. 41st Street, Suite A-1
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: USA
/ ZIP: 32606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/738,363
/ FILING DATE: 15-Dec-2000
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/076,137
/ FILING DATE: 12-MAY-1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sanders, Jay
/ REGISTRATION NUMBER: 39,355
/ REFERENCE/DOCKET NUMBER: MA-20CCCD3
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 352-375-8100
/ TELEFAX: 352-372-5800
/ INFORMATION FOR SEQ ID NO: 34:
/ LENGTH: 21 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULAR TYPE: DNA (synthetic)
/ SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-09-738-363-34

Query Match      0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 4.4e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      5271 AAGGAAGTTATTCAGAAAT 5291
DB      1 AATGAAGTWTATCAGTAAAT 21

RESULT 326
/ Sequence 964, Application US/09657472
/ Patent No. 6727063
/ GENERAL INFORMATION:
/ APPLICANT: Lander, Eric S.
/ APPLICANT: Cargill, Michele
/ APPLICANT: Ireland, James S.
/ APPLICANT: Bolk, Stacey
/ APPLICANT: Daley, George O.
/ APPLICANT: McCarthy, Jeanette J.
/ TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
/ FILE REFERENCE: 2825,1027-001
/ CURRENT APPLICATION NUMBER: US/09/657,472
/ PRIOR FILING DATE: 2000-09-07
/ PRIOR APPLICATION NUMBER: US 60/153,357
/ PRIOR FILING DATE: 1999-09-10
/ PRIOR APPLICATION NUMBER: US 60/220,947
/ PRIOR FILING DATE: 2000-07-26
/ PRIOR APPLICATION NUMBER: US 60/225,724
/ PRIOR FILING DATE: 2000-08-16
/ NUMBER OF SEQ ID NOS: 2551
/ SOFTWARE: PatsSeq for Windows Version 4.0
/ SEQ ID NO 964
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-657-472-964

Query Match      0.3%; Score 15; DB 1; Length 21;
```

```
Best Local Similarity 88.2%; Pred. No. 4.4e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      3573 AGAGAGCGCGCTTCCC 3589
DB      5 AGAGAGCGCGATTCCC 21

RESULT 327
PCT-US92-03624-34
/ Sequence 34, Application PC/TUS9203624
/ GENERAL INFORMATION:
/ APPLICANT: Schepf, Harry E.
/ APPLICANT: Schwab, George B.
/ APPLICANT: Payne, Jewel M.
/ APPLICANT: Narva, Kenneth B.
/ APPLICANT: Foncerra, Luis
/ TITLE OF INVENTION: Novel Nematode-Active Toxins and Genes
/ TITLE OF INVENTION: Which Code Therefor
/ NUMBER OF SEQUENCES: 40
/ CORRESPONDENCE ADDRESSES:
/ ADDRESSEE: David R. Saliwanchik
/ STREET: 2421 N.W. 41st Street, Suite A-1
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: USA
/ ZIP: 32606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US92/03624
/ FILING DATE: 19920501
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Saliwanchik, David R.
/ REGISTRATION NUMBER: 31,794
/ REFERENCE/DOCKET NUMBER: MA20C2C1C1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 904-375-8100
/ TELEFAX: 904-372-5800
/ INFORMATION FOR SEQ ID NO: 34:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 bases
/ TYPE: NUCLEIC ACID
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULAR TYPE: DNA (synthetic)
PCT-US92-03624-34

Query Match      0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 4.4e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      5271 AAGGAAGTTATTCAGAAAT 5291
DB      1 AATGAAGTWTATCAGTAAAT 21

RESULT 328
PCT-US94-07902-11
/ Sequence 11, Application PC/TUS9407902
/ GENERAL INFORMATION:
/ APPLICANT:
/ APPLICANT: Street address: 4980 Carroll Canyon Road
/ APPLICANT: City: San Diego
/ APPLICANT: State/Province: California
/ APPLICANT: Country: US
/ APPLICANT: Postal code/Zip: 92121
/ APPLICANT: Phone number: (619) 453-8030
/ APPLICANT: Telex number:
/ APPLICANT: Fax number: (619) 453-6991
```

TITLE OF INVENTION: Materials and Methods for the Control of
TITLE OF INVENTION: Calliphoridae Pests
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: David R. Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: FL
COUNTRY: USA
ZIP: 32606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/07902
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Saliwanchik, David R.
REGISTRATION NUMBER: 31,794
REFERENCE/DOCKET NUMBER: MA79
TELECOMMUNICATION INFORMATION:
TELEPHONE: 904-375-8100
TELEFAX: 904-372-5800
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
PCT-US94-07902-11

Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 4.4e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5271 AAGGAGTTATTCAGAAAT 5291
Db 1 AATGAGTWTATCCGTMAAT 21
RESULT 329
US-08-469-177-8/c
Sequence 8, Application US/08469177
Patent No. 5607924
GENERAL INFORMATION:
APPLICANT: MAGDA, Darren
APPLICANT: SESSLER, Jonathan L.
APPLICANT: IVERSON, Brent L.
APPLICANT: SANSOM, Petra I.
APPLICANT: WRIGHT, Meredith
TITLE OF INVENTION: DNA PHOTOCLEAVAGE USING TEXAPHYRINS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pharmacyclics, Inc.
STREET: 995 East Arques Avenue
CITY: Sunnyvale
STATE: California
COUNTRY: United States of America
ZIP: 94086
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,177
FILING DATE: 06-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:

NAME: Larson, Jacqueline S.
REGISTRATION NUMBER: 30,279
REFERENCE/DOCKET NUMBER: PHAY:057
TELECOMMUNICATION INFORMATION:
TELEPHONE: (408) 774-3363
TELEFAX: (408) 774-0340
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-469-177-8

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4398 GAAAGACAGAAAGATGA 4415
Db 18 GAAAGAAAGAAAGAGA 1
RESULT 330
US-08-373-124A-2253/c
Sequence 2253, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2253:

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-73-124A-2253

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2518 TTGGGGCATCACCACA 2535
DB 18 TTGGGGCATCTGCACA 1

RESULT 331
US-08-758-306-953/C
Sequence 953, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 953:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-953

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 573 GAAGAGAGAGCTGAAGA 590
DB 18 GCAGAGAGAGCTGAAGA 1

RESULT 332
US-08-578-709-4
Sequence 4, Application US/08578709
Patent No. 5814509
GENERAL INFORMATION:
APPLICANT: TANABE, Tadaaki
TITLE OF INVENTION: PROSTACYCLIN SYNTHASE DERIVED FROM HUMAN
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: SUGHRUE, MILO, ZINN, MACPEAK & SEAS
STREET: 2100 Pennsylvania Avenue, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20037

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/578,709
FILING DATE: 28-DEC-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP95/00838
FILING DATE: 27-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 114316/1994
FILING DATE: 28-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Gubinskiy, Louis
REGISTRATION NUMBER: 24,835
REFERENCE/DOCKET NUMBER: 040439
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)293-7860
TELEFAX: (202)293-7860
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "PRIMER/SYNTHETIC DNA"
US-08-578-709-4

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4457 TGCCTGCACACTCTCTGA 4474
DB 1 TGCCTGCACACTCTCTGA 18

RESULT 333
US-08-435-628-2253/C
Sequence 2253, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2253:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2253

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2518 TTGGGCGCATCAACACA 2535
DB 18 TTGGGCGCATCTGCCACA 1

RESULT 334
US-08-485-721-18
Sequence 18, Application US/08485721
Patent No. 5821124
GENERAL INFORMATION:
APPLICANT: Regeneron Pharmaceuticals, Inc. and
APPLICANT: Regents of the University of California
TITLE OF INVENTION: Dorsal Tissue Affecting Factor and
TITLE OF INVENTION: Compositions
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Regeneron Pharmaceuticals, Inc.
STREET: 777 Old Saw Mill River Road
CITY: Tarrytown
STATE: New York
COUNTRY: U.S.A.
ZIP: 10591
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,721
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/392,935
FILING DATE: 02-SEP-1993
APPLICATION NUMBER: PCT/US93/08326
FILING DATE: 02-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: Kempster Ph.D., Gail M.
REGISTRATION NUMBER: 32,143
REFERENCE/DOCKET NUMBER: Reg 132
TELECOMMUNICATION INFORMATION:
TELEPHONE: 914-347-7000
TELEFAX: 914-347-2113
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
US-08-485-721-18

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGCGCTGAGTCA 765
DB 1 CAGATGGCGCTGAGTCA 18

RESULT 335
US-08-392-935-18
Sequence 18, Application US/08392935
Patent No. 5843775
GENERAL INFORMATION:
APPLICANT: Regeneron Pharmaceuticals, Inc. and
APPLICANT: Regents of the University of California
TITLE OF INVENTION: Dorsal Tissue Affecting Factor and
TITLE OF INVENTION: Compositions
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Regeneron Pharmaceuticals, Inc.
STREET: 777 Old Saw Mill River Road
CITY: Tarrytown
STATE: New York
COUNTRY: U.S.A.
ZIP: 10591
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/392,935
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/08326
FILING DATE: 02-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: Kempster Ph.D., Gail M.
REGISTRATION NUMBER: 32,143
REFERENCE/DOCKET NUMBER: Reg 132
TELECOMMUNICATION INFORMATION:
TELEPHONE: 914-347-7000

```

; TELEFAX: 914-347-2113
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
; US-08-392-935-18

Query Match      0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      748 CAGATGGCGCTGAGCTCA 765
Db      1 CAGATGGCGCTGAGCTCA 18

RESULT 336
US-09-212-771-36
; Sequence 36; Application US/09212771
; Patent No. 5958773
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-1 EXPRESSION
; FILE REFERENCE: RFS-0034
; CURRENT APPLICATION NUMBER: US/09/212.771
; CURRENT FILING DATE: 1998-12-16
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-212-771-36

Query Match      0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3312 GCAGACCACTGGATCA 3329
Db      1 GCAGACCACTGGATCA 18

RESULT 337
US-08-863-639A-17
; Sequence 17; Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Mateson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; OPERATING SYSTEM: Windows 95
```

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; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863, 639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Muech
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-17

Query Match      0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2642 TGCAGCTGCTGCTGCAGC 2659
Db      1 TGCCTGCTGCTGCTGCTGC 18

RESULT 338
US-08-945-654-10/c
; Sequence 10; Application US/08945654
; Patent No. 6071747
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: IMMORTALIZED CELL LINES FROM HUMAN
; TITLE OF INVENTION: ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS
; NUMBER OF SEQUENCES: 22
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/945,654
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9504922
; FILING DATE: 25-APR-1995
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PRIMER"
; US-08-945-654-10

Query Match      0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1264 CTACAGCCCACTCAGC 1281
Db      18 CTACAGCTTCACCAACAC 1

RESULT 339
US-08-897-236-18
```

```
/ Sequence 18, Application US/08897236A
/ Patent No. 6075007
/ GENERAL INFORMATION:
/ APPLICANT: Regeneron Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition
/ FILE REFERENCE: REG 133
/ CURRENT APPLICATION NUMBER: US/08/897,236A
/ CURRENT FILING DATE: 1997-07-17
/ NUMBER OF SEQ ID NOS: 23
/ SOFTWARE: Patent In Ver. 2.0
/ SEQ ID NO 18
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-08-897-236-18

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 748 CAGATGGGCTGAGTCA 765
DB 1 CAGATGGGCTGAGTCA 18

RESULT 340
US-09-177-359-15
/ Sequence 15, Application US/09177359B
/ Patent No. 6183963
/ GENERAL INFORMATION:
/ APPLICANT: SINNETT, Daniel
/ APPLICANT: LAUBDA, Daniel
/ TITLE OF INVENTION: DETECTION OF CYP1A1, CYP3A4, CYP2D6 AND
/ TITLE OF INVENTION: NAT2 VARIANTS BY PCR-ALLELE-SPECIFIC OLIGONUCLEOTIDE (ASO)
/ FILE REFERENCE: 12667-17"US" PC/Id
/ CURRENT APPLICATION NUMBER: US/09/177,359B
/ CURRENT FILING DATE: 1998-10-23
/ NUMBER OF SEQ ID NOS: 37
/ SOFTWARE: PatsSeq for Windows Version 3.0
/ SEQ ID NO 15
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: CDNA for use as primers
US-09-177-359-15

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 4154 GCTTCTCCCTGGAG 4171
DB 1 GCTTCTCCCTGGAG 18

RESULT 341
US-09-167-874-18
/ Sequence 18, Application US/09167874
/ Patent No. 6277593
/ GENERAL INFORMATION:
/ APPLICANT: Valenzuela et al.
/ TITLE OF INVENTION: DORSAL TISSUE AFFECTING FACTOR AND COMPOSITIONS
/ FILE REFERENCE: REG132-B
/ CURRENT APPLICATION NUMBER: US/09/167,874
/ CURRENT FILING DATE: 1998-10-07
/ EARLIER APPLICATION NUMBER: 08/485,721
/ EARLIER FILING DATE: 1995-07-06
/ EARLIER APPLICATION NUMBER: 08/392,935
/ EARLIER FILING DATE: 1995-09-22
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/ EARLIER APPLICATION NUMBER: PCT/US93/08326
/ EARLIER FILING DATE: 1993-09-02
/ EARLIER APPLICATION NUMBER: 07/957,401
/ EARLIER FILING DATE: 1992-10-06
/ EARLIER APPLICATION NUMBER: 07/950,410
/ EARLIER FILING DATE: 1992-09-23
/ EARLIER APPLICATION NUMBER: 07/939,954
/ EARLIER FILING DATE: 1992-09-03
/ NUMBER OF SEQ ID NOS: 22
/ SOFTWARE: Patent In Ver. 2.0
/ SEQ ID NO 18
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-09-167-874-18

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 748 CAGATGGGCTGAGTCA 765
DB 1 CAGATGGGCTGAGTCA 18

RESULT 342
US-08-275-951-33/c
/ Sequence 33, Application US/08275951
/ Patent No. 6451968
/ GENERAL INFORMATION:
/ APPLICANT: Egholm, Michael
/ APPLICANT: Kelly, John
/ APPLICANT: Griffin, Michael
/ APPLICANT: Coull, James M.
/ APPLICANT: Nielsen, Peter
/ APPLICANT: Buchardt, Ole
/ APPLICANT: Dieholm, Kim L.
/ APPLICANT: Christensen, Leif
/ TITLE OF INVENTION: Linked Peptide Nucleic Acids
/ FILE REFERENCE: ISIS1577
/ CURRENT APPLICATION NUMBER: US/08/275,951
/ CURRENT FILING DATE: 1994-07-15
/ PRIOR APPLICATION NUMBER: 08/108,591
/ PRIOR FILING DATE: 1993-11-22
/ PRIOR APPLICATION NUMBER: 08/088,658
/ PRIOR FILING DATE: 1993-07-02
/ PRIOR APPLICATION NUMBER: 08/088,661
/ PRIOR FILING DATE: 1993-07-02
/ PRIOR APPLICATION NUMBER: PCT/EP92/01219
/ PRIOR FILING DATE: 1992-05-22
/ PRIOR APPLICATION NUMBER: 986/91
/ PRIOR FILING DATE: 1991-05-22
/ PRIOR APPLICATION NUMBER: 987/91
/ PRIOR FILING DATE: 1991-05-24
/ PRIOR APPLICATION NUMBER: 510/92
/ PRIOR FILING DATE: 1991-04-15
/ NUMBER OF SEQ ID NOS: 65
/ SOFTWARE: Patent In Ver. 2.1
/ SEQ ID NO 33
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
/ NAME/KEY: misc feature
/ LOCATION: (9)-(10)
/ OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
/ OTHER INFORMATION: Hexanoic Acid, Lysine Linkage
US-08-275-951-33

Query Match 0.3%; Score 14.8; DB 1; Length 18;
```

Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5396 AAAATACAAAAGAAAA 5413

DB 18 AAAAGAAAAAAGAAAA 1

RESULT 343

US-09-500-253B-18
; Sequence 18, Application US/09500253B

; Patent No. 6500640

; GENERAL INFORMATION:

; APPLICANT: Regeneron Pharmaceuticals, Inc.

; TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition

; FILE REFERENCE: REG 133-Z

; CURRENT APPLICATION NUMBER: US/09/500,253B

; CURRENT FILING DATE: 2000-02-08

; NUMBER OF SEQ ID NOS: 27

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 18

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Primer

US-09-500-253B-18

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGGCTGAGTCA 765

DB 1 CAGATGGCTGTGTCA 18

RESULT 344

US-09-422-978-5445
; Sequence 5445, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET 020CG1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 5445

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..18

; OTHER INFORMATION: upstream amplification primer 99-26002 for SEQ 1511,

US-09-422-978-5445

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4406 AGAAGATGAGCTCG 4423

DB 1 AGACAGTCAGACTCG 18

RESULT 345

US-09-422-978-6099/C
; Sequence 6099, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET 020CG1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 6099

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..18

; OTHER INFORMATION: upstream amplification primer 99-8910 for SEQ 2165,

US-09-422-978-6099

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 568 CTGAAGAGGAGCTG 585

DB 18 CTGAAGAGGAGCTTG 1

RESULT 346

PCT-US93-08326-18
; Sequence 18, Application PCT/TUS9308326

; GENERAL INFORMATION:

; APPLICANT: Valenzuela, et al.

; TITLE OF INVENTION: Dorsal Tissue Affecting Factor and

; TITLE OF INVENTION: Compositions

; NUMBER OF SEQUENCES: 24

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Regeneron Pharmaceuticals, Inc.

; STREET: 777 Old Saw Mill River Road

; CITY: Tarrytown

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 10591

; COMPUTER READABLE FORM:

; MEDIUM TYPE: floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: PCT/US93/08326

; FILING DATE: 02-SEP-1993

; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:

; NAME: Kempler Ph.D., Gail M.

; REGISTRATION NUMBER: 32,143

; REFERENCE/DOCKET NUMBER: Reg 132

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 914-347-7000

; TELEFAX: 914-347-2113

; INFORMATION FOR SEQ ID NO: 18:

; SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
PCT-US93-08326-18

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGGCTGAGGTCA 765
DB 1 CAGATGGCTGTGTCA 18

RESULT 347

US-08-849-021-67/c
Sequence 67, Application US/08849021
Patent No. 5955276

GENERAL INFORMATION:
APPLICANT: MORGANTE, MICHELE
APPLICANT: VOGEL, JULIE M.
TITLE OF INVENTION: COMPOUND MICROSATELLITE
TITLE OF INVENTION: PRIMERS FOR THE
TITLE OF INVENTION: DETECTION OF GENETIC
POLYMORPHISMS
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. DU PONT DE NEMOURS AND
ADDRESS: COMPANY
STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: DELAWARE
COUNTRY: U.S.A.
ZIP: 19898

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1064-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-849-021-67

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1180 AGAGAAAGAGAGAGAG 1197
| ||| ||||| |||||

DB 18 ATAGAGAGAGAGAG 1

RESULT 348

US-09-360-416-136
Sequence 136, Application US/09360416
Patent No. 6458536
GENERAL INFORMATION:

APPLICANT: Richard A. Gatti
TITLE OF INVENTION: METHODS FOR DETECTION OF ATAXIA
FILE REFERENCE: 510015-222
CURRENT APPLICATION NUMBER: US/09/360,416
CURRENT FILING DATE: 1999-07-23
NUMBER OF SEQ ID NOS: 143
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 136
LENGTH: 19
TYPE: DNA
ORGANISM: Human
US-09-360-416-136

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5213 GTGATCTTGCTTGT 5230
DB 2 GTGATCTTGCTTGT 19

RESULT 349

US-09-907-794A-286
Sequence 286, Application US/09907794A
Patent No. 6635468

GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Goddard, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijewski, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tuma, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,794A
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222

;; PRIOR FILING DATE: 1999-07-28
;; PRIOR APPLICATION NUMBER: PCT/US99/20594
;; PRIOR FILING DATE: 1999-09-08
;; PRIOR APPLICATION NUMBER: PCT/US99/20944
;; PRIOR FILING DATE: 1999-09-13
;; PRIOR APPLICATION NUMBER: PCT/US99/21090
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/21547
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/23089
;; PRIOR FILING DATE: 1999-10-05
;; PRIOR APPLICATION NUMBER: PCT/US99/28214
;; PRIOR FILING DATE: 1999-11-29
;; PRIOR APPLICATION NUMBER: PCT/US99/28313
;; PRIOR FILING DATE: 1999-11-30
;; PRIOR APPLICATION NUMBER: PCT/US99/28564
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/28565
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/30095
;; PRIOR FILING DATE: 1999-12-16
;; PRIOR APPLICATION NUMBER: PCT/US99/30911
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US99/30999
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US00/00219
;; NUMBER OF SEQ ID NOS: 423
;; SEQ ID NO 286
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-907-794A-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCAGTTCCTGATGC 2116

Db 2 CCTGCAGTTCCTGATGC 19

RESULT 350
US-09-905-125A-286
; Sequence 286, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferreira, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltisen, Mary B.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumaas, Daniel

;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William, I.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; TITLE OF INVENTION: Acids Encoding the Same
;; FILE REFERENCE: 10466-14
;; CURRENT APPLICATION NUMBER: US/09/905,125A
;; CURRENT FILING DATE: 2001-07-12
;; PRIOR APPLICATION NUMBER: PCT/US00/04414
;; PRIOR FILING DATE: 2000-02-22
;; PRIOR APPLICATION NUMBER: US 60/143,048
;; PRIOR FILING DATE: 1999-07-07
;; PRIOR APPLICATION NUMBER: US 60/145,698
;; PRIOR FILING DATE: 1999-07-26
;; PRIOR APPLICATION NUMBER: US 60/146,222
;; PRIOR FILING DATE: 1999-07-28
;; PRIOR APPLICATION NUMBER: PCT/US99/20594
;; PRIOR FILING DATE: 1999-09-08
;; PRIOR APPLICATION NUMBER: PCT/US99/20944
;; PRIOR FILING DATE: 1999-09-13
;; PRIOR APPLICATION NUMBER: PCT/US99/21090
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/21547
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/23089
;; PRIOR FILING DATE: 1999-10-05
;; PRIOR APPLICATION NUMBER: PCT/US99/28214
;; PRIOR FILING DATE: 1999-11-29
;; PRIOR APPLICATION NUMBER: PCT/US99/28313
;; PRIOR FILING DATE: 1999-11-30
;; PRIOR APPLICATION NUMBER: PCT/US99/28564
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/28565
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/30095
;; PRIOR FILING DATE: 1999-12-16
;; PRIOR APPLICATION NUMBER: PCT/US99/30911
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US99/30999
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US00/00219
;; NUMBER OF SEQ ID NOS: 423
;; SEQ ID NO 286
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-905-125A-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCAGTTCCTGATGC 2116

Db 2 CCTGCAGTTCCTGATGC 19

RESULT 351
US-09-495-714C-90/C
; Sequence 90, Application US/09495714C
; Patent No. 6670465
; GENERAL INFORMATION:
; APPLICANT: University Technologies International Inc.
; TITLE OF INVENTION: RETINAL CALCULUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
; FILE REFERENCE: 45499.4 (formerly 45074.6)
; CURRENT APPLICATION NUMBER: US/09/495,714C
; CURRENT FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 90
; LENGTH: 19

TYPE: DNA
ORGANISM: Homo sapiens
US-09-495-714C-90

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1432 GTGAGAGAGATGAGGA 1449
DB 19 GTGAGAGAGATGAGGA 2

RESULT 352
US-09-902-775A-286
Sequence 286, Application US/09902775A
Patent No. 6686451
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Aabkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Pong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanpeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jenile P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902, 775A
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143, 048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145, 698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146, 222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565

PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 286
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-902-775A-286

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CTTGCACTTCTCGATGC 2116
DB 2 CTTGCACTTCTCGATGC 19

RESULT 353
US-09-906-700-286
Sequence 286, Application US/09906700
Patent No. 6723535
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Aabkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Pong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanpeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jenile P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906, 700
CURRENT FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143, 048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145, 698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146, 222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIC FILING DATE: 1999-09-13
PRIC APPLICATION NUMBER: PCT/US99/21090
PRIC FILING DATE: 1999-09-15
PRIC APPLICATION NUMBER: PCT/US99/21547
PRIC FILING DATE: 1999-09-15
PRIC APPLICATION NUMBER: PCT/US99/23089
PRIC FILING DATE: 1999-10-05
PRIC APPLICATION NUMBER: PCT/US99/28214
PRIC FILING DATE: 1999-11-29
PRIC APPLICATION NUMBER: PCT/US99/28313
PRIC FILING DATE: 1999-11-30
PRIC APPLICATION NUMBER: PCT/US99/28564
PRIC FILING DATE: 1999-12-02
PRIC APPLICATION NUMBER: PCT/US99/28565
PRIC FILING DATE: 1999-12-02
PRIC APPLICATION NUMBER: PCT/US99/30095
PRIC FILING DATE: 1999-12-16
PRIC APPLICATION NUMBER: PCT/US99/30911
PRIC FILING DATE: 1999-12-20
PRIC APPLICATION NUMBER: PCT/US99/30999
PRIC FILING DATE: 1999-12-20
PRIC APPLICATION NUMBER: PCT/US00/00219
PRIC FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 286
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-906-700-286

Query Match 0.3% Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCACTTCCCTGATGC 2116
DB 2 CCTGCACTTCCCTGATGC 19

RESULT 354
US-09-903-603A-286
Sequence 286, Application US/09903603A
Patent No. 6767995
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: GNE.1618P2C12
CURRENT APPLICATION NUMBER: US/09/903, 603A
CURRENT FILING DATE: 2001-07-11
PRIC APPLICATION NUMBER: PCT/US00/04414
PRIC FILING DATE: 2000-02-22
PRIC APPLICATION NUMBER: US 60/143,048
PRIC FILING DATE: 1999-07-07
PRIC APPLICATION NUMBER: US 60/145,698
PRIC FILING DATE: 1999-07-26
PRIC APPLICATION NUMBER: US 60/146,222
PRIC FILING DATE: 1999-07-28
PRIC APPLICATION NUMBER: PCT/US99/20594
PRIC FILING DATE: 1999-09-08
PRIC APPLICATION NUMBER: PCT/US99/20944
PRIC FILING DATE: 1999-09-13
PRIC APPLICATION NUMBER: PCT/US99/21090
PRIC FILING DATE: 1999-09-15
PRIC APPLICATION NUMBER: PCT/US99/21547
PRIC FILING DATE: 1999-09-15
PRIC APPLICATION NUMBER: PCT/US99/23089
PRIC FILING DATE: 1999-10-05
PRIC APPLICATION NUMBER: PCT/US99/28214
PRIC FILING DATE: 1999-11-29
PRIC APPLICATION NUMBER: PCT/US99/28313
PRIC FILING DATE: 1999-11-30
PRIC APPLICATION NUMBER: PCT/US99/28564
PRIC FILING DATE: 1999-12-02
PRIC APPLICATION NUMBER: PCT/US99/28565
PRIC FILING DATE: 1999-12-02
PRIC APPLICATION NUMBER: PCT/US99/30095
PRIC FILING DATE: 1999-12-16
PRIC APPLICATION NUMBER: PCT/US99/30911
PRIC FILING DATE: 1999-12-20
PRIC APPLICATION NUMBER: PCT/US99/30999
PRIC FILING DATE: 1999-12-20
PRIC APPLICATION NUMBER: PCT/US00/00219
PRIC FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 286
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-603A-286

Query Match 0.3% Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCACTTCCCTGATGC 2116
DB 2 CCTGCACTTCCCTGATGC 19

RESULT 355
US-07-940-242A-70/C
Sequence 70, Application US/07940242A
Patent No. 5427909
GENERAL INFORMATION:
APPLICANT: OKAMOTO, Hiroaki
APPLICANT: NAKAMURA, Tetsuo
TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION
TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Beveridge, Degrandi, Wellacher & Young
STREET: 1850 M Street, N.W. (Suite 800)
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20036
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/940.242A
FILING DATE: 08-SEP-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 307296/91
FILING DATE: 09-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 093960/92
FILING DATE: 28-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Wellacher, Robert G.
REGISTRATION NUMBER: 20,531
REFERENCE/DOCKET NUMBER: 06/87-48095
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 659-2811
TELEFAX: (202) 659-1462
TELEX: WUI 64470
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-940-242A-70

Query March 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 801 TCCCTCATTCCTCAG 818
Db 20 TCCCTCATTCCTCAG 3

RESULT 356
US-07-940-242A-71/C
Sequence 71, Application US/07940242A
Patent No. 5427909
GENERAL INFORMATION:
APPLICANT: OKAMOTO, Hiroaki
APPLICANT: NAKAMURA, Tetsuo
TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION
TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Beveridge, Degrandt, Wellacher & Young
STREET: 1850 M Street, N.W. (Suite 800)
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/940.242A
FILING DATE: 08-SEP-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 307296/91
FILING DATE: 09-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 093960/92
FILING DATE: 28-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Wellacher, Robert G.

REGISTRATION NUMBER: 20,531
REFERENCE/DOCKET NUMBER: 06/87-48095
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 659-2811
TELEFAX: (202) 659-1462
TELEX: WUI 64470
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-940-242A-71

Query March 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 801 TCCCTCATTCCTCAG 818
Db 20 TCCCTCATTCCTCAG 3

RESULT 357
US-07-940-242A-72/C
Sequence 72, Application US/07940242A
Patent No. 5427909
GENERAL INFORMATION:
APPLICANT: OKAMOTO, Hiroaki
APPLICANT: NAKAMURA, Tetsuo
TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION
TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Beveridge, Degrandt, Wellacher & Young
STREET: 1850 M Street, N.W. (Suite 800)
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/940.242A
FILING DATE: 08-SEP-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 307296/91
FILING DATE: 09-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 093960/92
FILING DATE: 28-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Wellacher, Robert G.
REGISTRATION NUMBER: 20,531
REFERENCE/DOCKET NUMBER: 06/87-48095
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 659-2811
TELEFAX: (202) 659-1462
TELEX: WUI 64470
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-940-242A-72

Query March 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 801 TCCTCATTTCCCTACAG 818
|||||
Db 20 TCCTCATTTCCCTACATAG 3

RESULT 358
US-07-940-242A-74/C
; Sequence 74, Application US/07940242A
; Patent No. 5427909
; GENERAL INFORMATION:
; APPLICANT: OKAMOTO, Hiroaki
; APPLICANT: NAKAMURA, Teisuo
; TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION
; TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Beveridge, Degrandi, Wellacher & Young
; STREET: 1850 M Street, N.W. (Suite 800)
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/940,242A
; FILING DATE: 08-SEP-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 307296/91
; FILING DATE: 09-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 093960/92
; FILING DATE: 28-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Wellacher, Robert G.
; REGISTRATION NUMBER: 20,531
; REFERENCE/DOCKET NUMBER: 06/87-48095
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 659-2811
; TELEFAX: (202) 659-1462
; TELEX: WUI 64470
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-940-242A-74

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 801 TCCTCATTTCCCTACAG 818
|||||
Db 20 TCCTCATTTCCCTACATAG 3

RESULT 359
US-08-126-593A-6
; Sequence 6, Application US/08126593A
; Patent No. 5527700
; GENERAL INFORMATION:
; APPLICANT: Kaslow, David C.
; APPLICANT: Duffy, Patrick E.
; TITLE OF INVENTION: Target Antigens of Transmission-Blocking
; TITLE OF INVENTION: Antibodies for Malaria Parasites

NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew
; STREET: One Market Plaza, Stewart Street Tower
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105-1492
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/126,593A
; FILING DATE: 22-SEP-1993
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/912,294
; FILING DATE: 10-JUL-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Baetian, Kevin L.
; REGISTRATION NUMBER: 34,774
; REFERENCE/DOCKET NUMBER: 15280-46-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 543-9600
; TELEFAX: (415) 543-5043
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..20
; OTHER INFORMATION: /note= "PEPCR28S1 primer"
US-08-126-593A-6

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 4.5e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1447 GCACATTATATGATGATGAG 1466
||:|||||
Db 1 GCWTTTATATGATGATGAG 20

RESULT 360
US-08-454-039A-6
; Sequence 6, Application US/08454039A
; Patent No. 5753238
; GENERAL INFORMATION:
; APPLICANT: Kaslow, David C.
; APPLICANT: Duffy, Patrick E.
; TITLE OF INVENTION: Target Antigens of Transmission-Blocking
; TITLE OF INVENTION: Antibodies for Malaria Parasites
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/454,039A

FILING DATE: 30-MAY-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/912,294
FILING DATE: 10-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/126,593
FILING DATE: 22-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: Baetian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 15280-46-1-1
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..20
OTHER INFORMATION: /note="primer PFCR28S1"
US-08-454-039A-6

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 4.5e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1447 GGACATTATTTGAGATCAG 1466
DB 1 GGWTWTATATWSAGATGAG 20

RESULT 361
US-09-258-371-17/c
Sequence 17, Application US/09258371
Patent No. 5986078
GENERAL INFORMATION:
APPLICANT: Garkavtsev, Igor
APPLICANT: Rihabowol, Karl
TITLE OF INVENTION: DNA SEQUENCE ENCODING THE TUMOR
NUMBER OF INVENTION: SUPPRESSOR GENE INGI
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: 699 Prince Street
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/258,371
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/751,230
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Mool, Leslie A. 37,047
REGISTRATION NUMBER: 028722-144
REFERENCE/DOCKET NUMBER:
TELEPHONE: 415-854-7400
TELEFAX: 415-854-8275

INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-09-258-371-17

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4326 AAGCCCTGAGAGACCA 4343
DB 20 AAGCCCTGAGAGATCCA 3

RESULT 362
US-09-357-073-22
Sequence 22, Application US/09357073
Patent No. 6033910
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF MAP KINASE KINASE 6 EXPRESSION
FILE REFERENCE: RTS-0086
CURRENT APPLICATION NUMBER: US/09/357,073
CURRENT FILING DATE: 1999-07-19
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-073-22

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3091 CTTGCTTTGGGCTGAGA 3108
DB 1 CTTGCTTTGGACTGAGA 18

RESULT 363
US-09-357-070-38/c
Sequence 38, Application US/09357070
Patent No. 6046049
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P110 DELTA EXPRESSION
FILE REFERENCE: RTS-0076
CURRENT APPLICATION NUMBER: US/09/357,070
CURRENT FILING DATE: 1999-07-19
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-070-38

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 319 GGCTCCTCCTCCCTG 336
|||||

Db 18 GGCTCTCCGAGCCCTGG 1

RESULT 364

US-09-289-267-96/C
; Sequence 96, Application US/09289267A
; Patent No. 6046320
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowse
; TITLE OF INVENTION: ANTISENSE MODULATION OF MDX EXPRESSION
; FILE REFERENCE: RTS-0049
; CURRENT APPLICATION NUMBER: US/09/289,267A
; CURRENT FILING DATE: 1999-04-04
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-267-96

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5412 AAAATGAAATTAAGAA 5429

Db 20 AAAAGGAAATTAAGGAA 3

RESULT 365

US-08-746-111-51
; Sequence 51, Application US/08746111
; Patent No. 6066778
; GENERAL INFORMATION:
; APPLICANT: Gineburg, David
; APPLICANT: Cui, Jisong
; TITLE OF INVENTION: Compositions And Methods For Screening
; TITLE OF INVENTION: Compounds For Anticoagulant Activity
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/746,111
; FILING DATE: 06-NOV-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: UM-02536
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"

US-08-746-111-51

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3092 TTGCTTTGGGCTGAGAG 3109

Db 1 TTGCTCTGGGCTGATAG 18

RESULT 366

US-09-166-186-79/C
; Sequence 79, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-79

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1661 TCGCTGAGCTCATCGAA 1678

Db 20 TCGCTGAGCTCAAGGAA 3

RESULT 367

US-08-751-230-17/C
; Sequence 17, Application US/08751230
; Patent No. 6117633
; GENERAL INFORMATION:
; APPLICANT: Garkavtsev, Igor
; APPLICANT: Rabinowol, Karl
; TITLE OF INVENTION: DNA SEQUENCE ENCODING THE TUMOR
; TITLE OF INVENTION: SUPPRESSOR GENE INGI
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/751,230
; FILING DATE: 15-NOV-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/569721
; FILING DATE: 08-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Mool, Leslie A.


```

;
; REGISTRATION NUMBER: 37,047
; REFERENCE/DOCKET NUMBER: 028722-144
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-7400
; TELEFAX: 415-854-8275
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-08-751-230-17

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4326 AACGCTGAGAGACCA 4343
Db      20 AACGCTGAGAAATCCA 3

RESULT 368
US-09-418-641-32/c
; Sequence 32, Application US/09418641A
; Patent No. 6124133
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
; FILE REFERENCE: RTS-0105
; CURRENT APPLICATION NUMBER: US/09/418,641A
; CURRENT FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-418-641-32

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      531 CGGAGCTGGGGCGGCT 548
Db      18 CGGAGCTGGGGCGGCT 1

RESULT 369
US-09-499-082-17/c
; Sequence 17, Application US/09499082
; Patent No. 6143522
; GENERAL INFORMATION:
; APPLICANT: Heidung, Karen C.
; APPLICANT: Riabowol, Karl
; APPLICANT: Johnston, Randall N.
; APPLICANT: Garkavev, Igor
; TITLE OF INVENTION: METHODS OF MODULATING APOPTOSIS
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Burns, Doane, Swecker & Mathis
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

```

;
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/499,082
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/828,158
; FILING DATE: 27-MAR-1997
; APPLICATION NUMBER: US 08/751230
; FILING DATE: 15-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/569721
; FILING DATE: 08-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Mool, Leslie A.
; REGISTRATION NUMBER: 37,047
; REFERENCE/DOCKET NUMBER: 028722-148
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-854-7400
; TELEFAX: 650-854-8275
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-09-499-082-17
```

```

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4326 AACGCTGAGAGACCA 4343
Db      20 AACGCTGAGAAATCCA 3
```

```

RESULT 370
US-09-444-053-74
; Sequence 74, Application US/09444053A
; Patent No. 6165728
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
; FILE REFERENCE: RTS-0122
; CURRENT APPLICATION NUMBER: US/09/444,053A
; CURRENT FILING DATE: 1999-11-19
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-444-053-74
```

```

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4251 TGAGGAGTCACCTTCCA 4268
Db      3 TGAGGAGTCGCGCTCCA 20
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```

RESULT 371
US-09-428-219-82/c
; Sequence 82, Application US/09428219
; Patent No. 6177273
; GENERAL INFORMATION:
```

```

; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN-LINKED KINASE EXPRESSION
; FILE REFERENCE: RTS-0101
; CURRENT APPLICATION NUMBER: US/09/428,219
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-219-82

Query Match
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3077 AGAAGTGCAGAGACCTTG 3094
DB 18 AGAAGTGCAGAGACCTTG 1

RESULT 372
US-09-488-671-163
; Sequence 163, Application US/09488671A
; Patent No. 6187545
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
; FILE REFERENCE: RTS-0123
; CURRENT APPLICATION NUMBER: US/09/488,671A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 163
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-671-163

Query Match
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2199 CCAAGCTCAGCCATTGGG 2216
DB 3 CCAAGCTCAGCCATTGGG 20

RESULT 373
US-09-313-932-79/C
; Sequence 79, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-79

Query Match
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1661 TCGCTGAGCTCATCGGA 1678
DB 20 TCGCTGAGCTCATCGGA 3

RESULT 374
US-09-313-932-306
; Sequence 306, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 306
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-306

Query Match
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 ACCTGGAGGAGATGGG 756
DB 2 ACCTGGAGGAGATGGG 19

RESULT 375
US-09-258-372-17/C
; Sequence 17, Application US/09258372
; Patent No. 6238918
; GENERAL INFORMATION:
; APPLICANT: Garkavsev, Igor
; APPLICANT: Riabowol, Karl
; TITLE OF INVENTION: DNA SEQUENCE ENCODING THE TUMOR
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Burns, Doane, Swecker & Mathis
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/258,372
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
```

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/ FILE REFERENCE: RTS-0097
/ CURRENT APPLICATION NUMBER: US/09/702,327
/ CURRENT FILING DATE: 2000-10-30
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 54
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-327-54

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3786 TGAGGTAGTTGACAAAGA 3803
DB      1 TGAGGAAGTTGTCAAGA 18

RESULT 380
US-09-792-594-60
/ Sequence 60, Application US/09792594
/ Patent No. 6436706
/ GENERAL INFORMATION:
/ APPLICANT: Donna T. Ward
/ APPLICANT: Andrew T. Watt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL4 EXPRESSION
/ FILE REFERENCE: RTS-0209
/ CURRENT APPLICATION NUMBER: US/09/792,594
/ CURRENT FILING DATE: 2001-02-23
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 60
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-792-594-60

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4635 GGTGCTGGCTGGAACAC 4652
DB      3 GGTGCAAGCTGGGAACAC 20

RESULT 381
US-09-658-679A-53/C
/ Sequence 53, Application US/09658679A
/ Patent No. 6444464
/ GENERAL INFORMATION:
/ APPLICANT: Ian Popoff
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
/ FILE REFERENCE: RTS-0186
/ CURRENT APPLICATION NUMBER: US/09/658,679A
/ CURRENT FILING DATE: 2000-09-08
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 53
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-53

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      576 GGAGAGCTGAAGAGTT 593
DB      19 GCAGAGCTGAAGAGCT 2

RESULT 382
US-09-428-236-9/C
/ Sequence 9, Application US/09428236
/ Patent No. 6472153
/ GENERAL INFORMATION:
/ APPLICANT: Dempsey, Robert, O.
/ APPLICANT: Atonina, Irina A.
/ APPLICANT: Vermeulen, Nicolaas M.
/ TITLE OF INVENTION: HYBRIDIZATION-TRIGGERED FLUORESCENT
/ TITLE OF INVENTION: DETECTION OF NUCLEIC ACIDS
/ FILE REFERENCE: 344692000600
/ CURRENT APPLICATION NUMBER: US/09/428,236
/ CURRENT FILING DATE: 1999-10-26
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 9
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic construct
US-09-428-236-9

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4392 GCAAGTGAAGAAAGAGAA 4409
DB      19 GCAATTGAAGAAAGAGAA 2

RESULT 383
US-09-501-612A-26
/ Sequence 26, Application US/09501612A
/ Patent No. 6544765
/ GENERAL INFORMATION:
/ APPLICANT: Hjort, Carsten M.
/ APPLICANT: Pedersen, Henrik
/ TITLE OF INVENTION: Oxaloacetate Hydrolase Deficient Fungal Host Cells
/ FILE REFERENCE: 5789,200-US
/ CURRENT APPLICATION NUMBER: US/09/501,612A
/ CURRENT FILING DATE: 2000-02-10
/ NUMBER OF SEQ ID NOS: 33
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 26
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-09-501-612A-26

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      847 AGCCAACCCACCTCCACC 864
DB      3 AGCAACCCATCTCCACC 20

RESULT 384
US-09-060-299-344
/ Sequence 344, Application US/09060299
/ Patent No. 6545137
/ GENERAL INFORMATION:
```

```

; APPLICATION NUMBER: 08/751,230
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Wool, Leslie A.
; REGISTRATION NUMBER: 37,047
; REFERENCE/DOCKET NUMBER: 028722-144
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-7400
; TELEFAX: 415-854-8275
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-09-258-372-17

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4326 AAGCCTGAGAGACCA 4343
Db      20 AAGCCTGAGAAATCCA 3

RESULT 376
US-09-522-217-15
; Sequence 15, Application US/09522217
; Patent No. 6307024
; GENERAL INFORMATION:
; APPLICANT: No. 6307024aK, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL1 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/522,217
; CURRENT FILING DATE: 2000-03-09
; EARLIER APPLICATION NUMBER: US 60/123,547
; EARLIER FILING DATE: 1999-03-09
; EARLIER APPLICATION NUMBER: US 60/123,904
; EARLIER FILING DATE: 1999-03-11
; EARLIER APPLICATION NUMBER: US 60/142,013
; EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PastSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC19572
; US-09-522-217-15

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5157 CCTCTGGCTGTGTACAG 5174
Db      3 CCTGTGCTGTGTCTCAG 20

RESULT 377
US-09-496-694B-194/c
```

```

; Sequence 194, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric B. Swayze
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 194
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-496-694B-194

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1466 GAGACTATTGGCCCG 1483
Db      20 GAGCTGATTGGCCCG 3

RESULT 378
US-08-108-591B-4
; Sequence 4, Application US/08108591B
; Patent No. 6395474
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: IS160540
; CURRENT APPLICATION NUMBER: US/08/108,591B
; CURRENT FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6395474e1 Sequence
; US-08-108-591B-4

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5404 AAAAAAGAAAAATGAAAA 5421
Db      1 AAAAAAGAAAAA 18

RESULT 379
US-09-702-327-54
; Sequence 54, Application US/09702327
; Patent No. 6426220
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
```

APPLICANT: Todd, John A
APPLICANT: Hess, John W
APPLICANT: Caskey, Charles T
APPLICANT: Cox, Roger D
APPLICANT: Gerhold, David
APPLICANT: Hammond, Holly
APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshihiko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 6545137e1 Receptor
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6545137th Globe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4091
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 344:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-060-299-344

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4793 TCCTGCCTCAGCAGCT 4810
|||
Db 1 TCATGTCACTCAGCAGCT 18

RESULT 385
US-09-402-923A-344
Sequence 344, Application US/09402923A
Patent No. 6555654
GENERAL INFORMATION:
APPLICANT: Todd, John A
Hess, John W
Caskey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. 6555654e1 LDL-Receptor

NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Globe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4091
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 344:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 344:
US-09-402-923A-344

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4793 TCCTGCCTCAGCAGCT 4810
|||
Db 1 TCATGTCACTCAGCAGCT 18

RESULT 386
US-09-198-452A-1502
Sequence 1502, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1502
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1502

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2487 GACGCTAGAAGCATATGG 2504
|||

Db 1 GGCTTAGAAGATATG 18

RESULT 387
US-09-198-452A-2641/C
; Sequence 2641, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2641
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2641

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 558 CTTGAGTCTCTGACAA 575
Db 20 CTTGAGTCTCTGATGCA 3

RESULT 388
US-09-404-641-15
; Sequence 15, Application US/09404641
; Patent No. 6576744
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Conklin, Darrell C.
; APPLICANT: No. 6576744ak, Julia E.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11
; FILE REFERENCE: 98-55
; CURRENT APPLICATION NUMBER: US/09/404,641
; CURRENT FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: US 60/100,896
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: US 60/123,546
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/142,574
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC19572
US-09-404-641-15

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTGTGCTGTGTCTCAG 5174
Db 3 CCTGTGCTGTGTCTCAG 20

RESULT 389
US-09-404-641-17/C
; Sequence 17, Application US/09404641
; Patent No. 6576744

; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Conklin, Darrell C.
; APPLICANT: No. 6576744ak, Julia E.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11
; FILE REFERENCE: 98-55
; CURRENT APPLICATION NUMBER: US/09/404,641
; CURRENT FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: US 60/100,896
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: US 60/123,546
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/142,574
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC19657
US-09-404-641-17

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTGTGCTGTGTCTCAG 5174
Db 18 CCTGTGCTGTGTCTCAG 1

RESULT 390
US-09-081-385-57
; Sequence 57, Application US/09081385
; Patent No. 6593456
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESS: MORRISON & FORSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/081,385
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792

```

; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-081-385-57

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      4937 TTGATGATGCTTGCTG 4954
Db      1 TGGATGATGCTTGCTG 18

RESULT 391
US-09-923-246-15
; Sequence 15, Application US/09923246
; Patent No. 6605272
; GENERAL INFORMATION:
; APPLICANT: No. 6605272ak, Julia E.
; APPLICANT: Preenell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923.246
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522.217
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PasteSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC19572
US-09-923-246-15

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      5157 CCTGTGCTGTGTCTCAG 5174
Db      3 CCTGTGCTGTGTCTCAG 20

RESULT 392
US-09-907-794A-222
; Sequence 222, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Bockstein, David
; APPLICANT: Deenoyev, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrare, Napoleone
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; APPLICANT: Pilvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary B.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 222
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide probe
US-09-907-794A-222

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      1211 GCAGGCCCATGGGAG 1228
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Db 2 GCAGGCCCTCATGGCCAG 19

RESULT 393

US-09-905-125A-222
Sequence 222, Application US/09905125A

Patent No. 6664376

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.

APPLICANT: Ashkenazi, Avi

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Ferrara, Napoleone

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerlitsen, Mary E.

APPLICANT: Goddard, A.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gunney, Austin L.

APPLICANT: Hillan, Kenneth, J.

APPLICANT: Kijavyn, Ivar J.

APPLICANT: Mathier, Jennie P.

APPLICANT: Paoni, Nicholas P.

APPLICANT: Roy, Margaret Ann

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

Acids Encoding the Same

FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/905,125A

CURRENT FILING DATE: 2001-07-12

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR FILING DATE: 1999-07-07

PRIOR APPLICATION NUMBER: US 60/145,698

PRIOR FILING DATE: 1999-07-26

PRIOR APPLICATION NUMBER: US 60/146,222

PRIOR FILING DATE: 1999-07-28

PRIOR APPLICATION NUMBER: PCT/US99/20594

PRIOR FILING DATE: 1999-09-08

PRIOR APPLICATION NUMBER: PCT/US99/20944

PRIOR FILING DATE: 1999-09-13

PRIOR APPLICATION NUMBER: PCT/US99/21090

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/21547

PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/23089

PRIOR FILING DATE: 1999-10-05

PRIOR APPLICATION NUMBER: PCT/US99/28214

PRIOR FILING DATE: 1999-11-29

PRIOR APPLICATION NUMBER: PCT/US99/28313

PRIOR FILING DATE: 1999-11-30

PRIOR APPLICATION NUMBER: PCT/US99/28564

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/28565

PRIOR FILING DATE: 1999-12-02

PRIOR APPLICATION NUMBER: PCT/US99/30095

PRIOR FILING DATE: 1999-12-16

PRIOR APPLICATION NUMBER: PCT/US99/30911

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US99/30999

PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US00/00219

PRIOR FILING DATE: 2000-01-05

NUMBER OF SEQ ID NOS: 423

SEQ ID NO 222

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-905-125A-222

Query Match

Best Local Similarity 88.9%; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGGCCCTCATGGCCAG 1228

Db 2 GCAGGCCCTCATGGCCAG 19

RESULT 394

US-10-295-723-15

Sequence 15, Application US/10295723

Patent No. 6686178

GENERAL INFORMATION:

APPLICANT: No. 6686178at, Julia E.

APPLICANT: Presnell, Scott R.

APPLICANT: Sprecher, Cindy A.

APPLICANT: Foster, Donald C.

APPLICANT: Holly, Richard D.

APPLICANT: Gross, Jane A.

APPLICANT: Johnston, Janet V.

APPLICANT: Nelson, Andrew J.

APPLICANT: Dillon, Stacey R.

APPLICANT: Hammond, Angela K.

TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL1 LIGAND

FILE REFERENCE: 99-16

CURRENT APPLICATION NUMBER: US/10/295,723

CURRENT FILING DATE: 2002-11-15

PRIOR APPLICATION NUMBER: 09/522,217

PRIOR FILING DATE: 2000-03-09

PRIOR APPLICATION NUMBER: US 60/123,547

PRIOR FILING DATE: 1999-03-09

PRIOR APPLICATION NUMBER: US 60/123,904

PRIOR FILING DATE: 1999-03-11

PRIOR APPLICATION NUMBER: US 60/142,013

PRIOR FILING DATE: 1999-07-01

NUMBER OF SEQ ID NOS: 115

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 15

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide primer ZC19572

US-10-295-723-15

Query Match

Best Local Similarity 0.3%; Score 14.8; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTCTGGCTGTGTCTCAG 5174

Db 3 CCTGTGGCTGTGTCTCAG 20

RESULT 395

US-09-902-775A-222

Sequence 222, Application US/09902775A

Patent No. 6686451

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.

APPLICANT: Ashkenazi, Avi

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902,775A
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 222
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-902-775A-222

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1211 GCAGCCCCCATGGGCGAG 1228
Db 2 GCAGCCCCCATGGGCGAG 19
RESULT 396
US-10-414-186-15
Sequence 15; Application US/10414186
Patent No. 6692924
GENERAL INFORMATION:
APPLICANT: Presnell, Scott R.
APPLICANT: Conklin, Darrell C.
APPLICANT: No. 6692924ak, Julia E.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11
FILE REFERENCE: 98-55
CURRENT APPLICATION NUMBER: US/10/414,186
CURRENT FILING DATE: 2003-04-14
PRIOR APPLICATION NUMBER: US/09/404,641
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/100,896
PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,546
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,574
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-06
NUMBER OF SEQ ID NOS: 91
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 5157 CCTCTGGCTGTCTCAGG 5174
Db 3 CCTCTGGCTGTCTCAGG 20
RESULT 397
US-10-414-186-17/c
Sequence 17; Application US/10414186
Patent No. 6692924
GENERAL INFORMATION:
APPLICANT: Presnell, Scott R.
APPLICANT: Conklin, Darrell C.
APPLICANT: No. 6692924ak, Julia E.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11
FILE REFERENCE: 98-55
CURRENT APPLICATION NUMBER: US/10/414,186
CURRENT FILING DATE: 2003-04-14
PRIOR APPLICATION NUMBER: US/09/404,641
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/100,896
PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,546
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,574
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-06
NUMBER OF SEQ ID NOS: 91
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 17
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC19657
US-10-414-186-17

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTGTGCTGTCTCAG 5174
DB 18 CCTGTGCTGTCTCAG 1

RESULT 398
US-08-468-719A-4
Sequence 4, Application US/08468719A
Patent No. 6710163
GENERAL INFORMATION:
APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter E.
APPLICANT: Berg, Rolf H.
TITLE OF INVENTION: PEPTIDE NUCLEIC ACIDS SYNTHONS
FILE REFERENCE: ISPS-1999
CURRENT APPLICATION NUMBER: US/08/468,719A
CURRENT FILING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: US 08/108,591
PRIOR FILING DATE: 1993-11-22
NUMBER OF SEQ ID NOS: 48
SOFTWARE: Patentin version 3.2
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide Primer
US-08-468-719A-4

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5404 AAAAAGAAAAATGAAA 5421
DB 1 AAAAAGAAAAATGAAA 18

RESULT 399
US-08-462-977B-4
Sequence 4, Application US/08462977B
Patent No. 6713602
GENERAL INFORMATION:
APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter E.
APPLICANT: Berg, Rolf Henrik
TITLE OF INVENTION: Peptide Nucleic Acids
FILE REFERENCE: ISIS-1993
CURRENT APPLICATION NUMBER: US/08/462,977B
CURRENT FILING DATE: 1995-06-05
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
NUMBER OF SEQ ID NOS: 43
SOFTWARE: Patentin version 3.0
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: No. 6713602el Sequence
US-08-462-977B-4

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5404 AAAAAGAAAAATGAAA 5421
DB 1 AAAAAGAAAAATGAAA 18

RESULT 400
US-09-906-700-222
Sequence 222, Application US/09906700
Patent No. 6723535
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferreira, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Rong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Hillel, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,700
CURRENT FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16

PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 222
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-906-700-222

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGCCCATGCGCAG 1228
Db 2 GCAGCCCATGCGCAG 19

RESULT 401
US-09-532-868-17/c
Sequence 17, Application US/09532868
Patent No. 6747133
GENERAL INFORMATION:
APPLICANT: Garkavtsev, Igor
APPLICANT: Ribabowol, Karl
TITLE OF INVENTION: DNA SEQUENCE ENCODING THE TUMOR
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSER: Burns, Doane, Swecker & Mathis
STREET: 699 Prince Street
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/532,868
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/751,230
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Mool, Leslie A.
REGISTRATION NUMBER: 37,047
REFERENCE/DOCKET NUMBER: 028722-144
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-854-7400
TELEFAX: 415-854-8275
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-09-532-868-17

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4326 AGCCCTGAGAGACCA 4343
Db 20 AGCCCTGAGAGATCCA 3

RESULT 402
US-09-903-603A-222
Sequence 222, Application US/09903603A
Patent No. 6767995
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary B.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumaer, Daniel
APPLICANT: Williams, P. Mickey
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: GNE.1618P2C12
CURRENT APPLICATION NUMBER: US/09/903,603A
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20

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; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 222
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-903-603A-222

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1211 GCAGGCCCCCGAGGAG 1228
Db      2 GCAGGCCCCCTATGCGCAG 19

RESULT 403
US-08-927-219-21
; Sequence 21, Application US/08927219
; Patent No. 6187533
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naohisa
; APPLICANT: Katsaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; APPLICANT: Menzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; TITLE OF INVENTION: AND HNF-4ALPHA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,219
; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 435
; APPLICATION NUMBER DATA:
; PRIOR APPLICATION NUMBER:
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,679
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; TYPE: nucleic acid

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; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-927-219-21

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4280 TCCCAAGTACTGCTCCA 4297
Db      4 TCCCTAGGACTGCTCCA 21

RESULT 404
US-08-927-219-22/c
; Sequence 22, Application US/08927219
; Patent No. 6187533
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naohisa
; APPLICANT: Katsaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; APPLICANT: Menzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; TITLE OF INVENTION: AND HNF-4ALPHA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,219
; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 435
; APPLICATION NUMBER DATA:
; PRIOR APPLICATION NUMBER:
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,679
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-927-219-22

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 4280 TCCCAAGTACTGCTCCA 4297
Db 18 TCCCTAGGAGCTGTCCA 1

RESULT 405
US-09-210-896-21/c
Sequence 21, Application US/09210896
Patent No. 6271344
GENERAL INFORMATION:
APPLICANT: Turley, Eva A.
TITLE OF INVENTION: Enhanced Affinity Hyaluronan Binding
TITLE OF INVENTION: Peptides
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: BERESKIN & PARR
STREET: 40 King Street, West
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5H 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/210,896
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/068,285
FILING DATE: 19-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Gravelle, Michelle
REGISTRATION NUMBER: 40,261
REFERENCE/DOCKET NUMBER: 7841-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: other nucleic acid
US-09-210-896-21

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2384 TCATTCACTCTGTGTTCC 2401
Db 21 TCTTTACCTCTGTACC 4

RESULT 406
US-08-891-292A-30
Sequence 30, Application US/08891292A
Patent No. 631892
GENERAL INFORMATION:
APPLICANT: Barany, Francis
APPLICANT: Luo, JiaYing
APPLICANT: Khanna, Marilyn
APPLICANT: Bergstrom, Donald B.
TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
TITLE OF INVENTION: LIGASE DETECTION REACTION
FILE REFERENCE: 19603/457
CURRENT APPLICATION NUMBER: US/08/891,292A
CURRENT FILING DATE: 1997-07-10
PRIOR APPLICATION NUMBER: 60/022,535

PRIOR FILING DATE: 1996-07-19
NUMBER OF SEQ ID NOS: 96
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 30
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer for
US-08-891-292A-30

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4217 CCTCTGCGGTGCTT 4234
Db 4 CGTCTGCGGTGCTT 21

RESULT 407
US-09-422-978-10680/c
Sequence 10680, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marla
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10680
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-19142 for SEQ 2815, in compleme
US-09-422-978-10680

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 TGGAGTTCTGAAGAAG 577
Db 18 TGGAGTTCTGAAGAAG 1

RESULT 408
US-09-927-737C-30
Sequence 30, Application US/09927737C
Patent No. 657653
GENERAL INFORMATION:
APPLICANT: Barany, Francis
APPLICANT: Luo, JiaYing
APPLICANT: Khanna, Marilyn
APPLICANT: Bergstrom, Donald B.
TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
TITLE OF INVENTION: LIGASE DETECTION REACTION
FILE REFERENCE: 19603/459
CURRENT APPLICATION NUMBER: US/09/927,737C
CURRENT FILING DATE: 2001-08-10

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; PRIOR APPLICATION NUMBER: 60/022,535
; PRIOR FILING DATE: 1996-07-19
; PRIOR APPLICATION NUMBER: 08/891,292
; PRIOR FILING DATE: 1997-07-19
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer for
; OTHER INFORMATION: PCR or LDR
US-09-927-737C-30

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4217 CCTCTGTGTGTGCTTT 4234
Db      4 CGTGTGGGTGTGCTTT 21

RESULT 409
US-09-657-472-158
; Sequence 158, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 158
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-158

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      4670 GGAAGCTGTTCAGCTTGAGC 4689
Db      1 GGAACCTGTTACATAGAGC 20

RESULT 410
US-09-657-472-189/C
; Sequence 189, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
```

```

; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 189
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-189

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      5053 GCAGACCTCATAGAGCTCA 5072
Db      21 GCAGACCCGATACAGCTCA 2

RESULT 411
US-09-657-472-316/C
; Sequence 316, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 316
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-316

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      3459 TCAGCTGCTCATTTGAGCA 3478
Db      21 TCAGCTGCTCTCTCTCTCA 2

RESULT 412
US-09-657-472-622
; Sequence 622, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
```

```
/ APPLICANT: Bolk, Stacey
/ APPLICANT: Daley, George Q.
/ APPLICANT: McCarthy, Jeanette J.
/ TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
/ FILE REFERENCE: 2825.1027-001
/ CURRENT APPLICATION NUMBER: US/09/657,472
/ PRIOR FILING DATE: 2000-09-07
/ PRIOR APPLICATION NUMBER: US 60/153,357
/ PRIOR FILING DATE: 1999-09-10
/ PRIOR APPLICATION NUMBER: US 60/220,947
/ PRIOR FILING DATE: 2000-07-26
/ PRIOR APPLICATION NUMBER: US 60/225,724
/ PRIOR FILING DATE: 2000-08-16
/ NUMBER OF SEQ ID NOS: 2551
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 622
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-657-472-622

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

OY      2645 AGCTGCTGTCGACGACAC 2664
Db      1 AGCTGCTGACGCGCCACAC 20

RESULT 413
US-09-657-472-1947/c
/ Sequence 1947, Application US/09657472
/ Patent No. 6727063
/ GENERAL INFORMATION:
/ APPLICANT: Lander, Eric S.
/ APPLICANT: Cargill, Michele
/ APPLICANT: Ireland, James S.
/ APPLICANT: Bolk, Stacey
/ APPLICANT: Daley, George Q.
/ APPLICANT: McCarthy, Jeanette J.
/ TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
/ FILE REFERENCE: 2825.1027-001
/ CURRENT APPLICATION NUMBER: US/09/657,472
/ CURRENT FILING DATE: 2000-09-07
/ PRIOR APPLICATION NUMBER: US 60/153,357
/ PRIOR FILING DATE: 1999-09-10
/ PRIOR APPLICATION NUMBER: US 60/220,947
/ PRIOR FILING DATE: 2000-07-26
/ PRIOR APPLICATION NUMBER: US 60/225,724
/ PRIOR FILING DATE: 2000-08-16
/ NUMBER OF SEQ ID NOS: 2551
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 1947
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-657-472-1947

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
/ APPLICANT: Lander, Eric S.
/ APPLICANT: Cargill, Michele
/ APPLICANT: Ireland, James S.
/ APPLICANT: Bolk, Stacey
/ APPLICANT: Daley, George Q.
/ APPLICANT: McCarthy, Jeanette J.
/ TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
/ FILE REFERENCE: 2825.1027-001
/ CURRENT APPLICATION NUMBER: US/09/657,472
/ CURRENT FILING DATE: 2000-09-07
/ PRIOR APPLICATION NUMBER: US 60/153,357
/ PRIOR FILING DATE: 1999-09-10
/ PRIOR APPLICATION NUMBER: US 60/220,947
/ PRIOR FILING DATE: 2000-07-26
/ PRIOR APPLICATION NUMBER: US 60/225,724
/ PRIOR FILING DATE: 2000-08-16
/ NUMBER OF SEQ ID NOS: 2551
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 2297
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-657-472-2297

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

OY      1159 AGGTGAAGGAGGCTGGGCG 1578
Db      21 AGGTGAAGGAGGCTGGCG 2

RESULT 415
US-09-657-472-2297/c
/ Sequence 2297, Application US/09657472
/ Patent No. 6727063
/ GENERAL INFORMATION:
/ APPLICANT: Lander, Eric S.
/ APPLICANT: Cargill, Michele
/ APPLICANT: Ireland, James S.
/ APPLICANT: Bolk, Stacey
/ APPLICANT: Daley, George Q.
/ APPLICANT: McCarthy, Jeanette J.
/ TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
/ FILE REFERENCE: 2825.1027-001
/ CURRENT APPLICATION NUMBER: US/09/657,472
/ CURRENT FILING DATE: 2000-09-07
/ PRIOR APPLICATION NUMBER: US 60/153,357
/ PRIOR FILING DATE: 1999-09-10
/ PRIOR APPLICATION NUMBER: US 60/220,947
/ PRIOR FILING DATE: 2000-07-26
/ PRIOR APPLICATION NUMBER: US 60/225,724
/ PRIOR FILING DATE: 2000-08-16
/ NUMBER OF SEQ ID NOS: 2551
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 2297
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-657-472-2297

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

OY      110 TTCTGAGCTTGACGCTCA 129
Db      21 TGCTGAGCTTGACGCTCA 2

RESULT 416
US-09-492-361-6/c
```

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; Sequence 6, Application US/09492361
; Patent No. 6794161
; GENERAL INFORMATION:
; APPLICANT: JENTSCH, Thomas J.
; TITLE OF INVENTION: NOVEL POTASSIUM CHANNELS AND GENES ENCODING THESE
; TITLE OF INVENTION: POTASSIUM CHANNELS
; FILE REFERENCE: 2815-127P
; CURRENT APPLICATION NUMBER: US/09/492,361
; CURRENT FILING DATE: 2000-01-27
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-492-361-6

Query Match      0.3%; Score 14.8; DB 1; Length 21,
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      909 CCAGGCTCAGAGGAG 926
Db      21 CCATGCTCAGAGGAG 4

RESULT 417
US-08-367-069-10/C
; Sequence 10, Application US/08367069
; Patent No. 5811538
; GENERAL INFORMATION:
; APPLICANT: Timothy A. Riley
; APPLICANT: Mark A. Reynolds
; APPLICANT: Lloyd R. Snyder
; APPLICANT: Robert E. Klem
; TITLE OF INVENTION: IMPROVED PROCESS FOR THE
; TITLE OF INVENTION: PURIFICATION OF OLIGOMERS
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/367,069
; FILING DATE: December 30, 1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/176,851
; FILING DATE: 30 December 1993
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: BIGGS, SUZANNE L.
; REGISTRATION NUMBER: 30,158
; REFERENCE/DOCKET NUMBER: 210/209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 10:
```

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-367-069-10

Query Match      0.3%; Score 14.4; DB 1; Length 16,
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAG 1195
Db      16 AGAGAGAGAGAGAG 1

RESULT 418
US-08-885-126-7/C
; Sequence 7, Application US/08885126A
; Patent No. 595597
; GENERAL INFORMATION:
; APPLICANT: Arnold, Lyle J.
; APPLICANT: Riley, Timothy A.
; APPLICANT: Reynolds, Mark A.
; APPLICANT: Schwartz, David A.
; TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
; TITLE OF INVENTION: OLIGOMERS
; FILE REFERENCE: GENTA.020FW2
; CURRENT APPLICATION NUMBER: US/08/885,126A
; CURRENT FILING DATE: 1997-06-30
; EARLIER APPLICATION NUMBER: 08/343,018
; EARLIER FILING DATE: 1994-11-21
; EARLIER APPLICATION NUMBER: 08/154,013
; EARLIER FILING DATE: 1993-11-16
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-7

Query Match      0.3%; Score 14.4; DB 1; Length 16,
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAG 1195
Db      16 AGAGAGAGAGAGAG 1

RESULT 419
US-08-885-126-8
; Sequence 8, Application US/08885126A
; Patent No. 595597
; GENERAL INFORMATION:
; APPLICANT: Arnold, Lyle J.
; APPLICANT: Riley, Timothy A.
; APPLICANT: Reynolds, Mark A.
; APPLICANT: Schwartz, David A.
; TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
; TITLE OF INVENTION: OLIGOMERS
; FILE REFERENCE: GENTA.020FW2
; CURRENT APPLICATION NUMBER: US/08/885,126A
; CURRENT FILING DATE: 1997-06-30
; EARLIER APPLICATION NUMBER: 08/343,018
; EARLIER FILING DATE: 1994-11-21
; EARLIER APPLICATION NUMBER: 08/154,013
; EARLIER FILING DATE: 1993-11-16
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
```


SEQ ID NO 8
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-8

Query Match 0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAG 1195
Db 1 AGAGAGAGAGAGAGAG 16

RESULT 420
US-08-941-445A-28
Sequence 28, Application US/08941445A
Patent No. 6107060
GENERAL INFORMATION:
APPLICANT: Keeling, Peter
APPLICANT: Guan, Haining
TITLE OF INVENTION: Search Encapsulation
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
STREET: 5370 Manhattan Circle
CITY: Boulder
STATE: CO
COUNTRY: US
ZIP: 80303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/941.445A
FILING DATE: 30-SEP-1997
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/026,855
FILING DATE: 30-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Winner, Ellen P
REGISTRATION NUMBER: 28,547
REFERENCE/DOCKET NUMBER: 89-97
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 499-8080
TELEFAX: (303) 499-8089
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: not relevant
MOLECULE TYPE: cDNA to mRNA
US-08-941-445A-28

Query Match 0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAG 1195
Db 1 AGAGAGAGAGAGAGAG 16

RESULT 421
US-09-266-409-8
Sequence 8, Application US/09266409

Patent No. 6225061
GENERAL INFORMATION:
APPLICANT: Becker, Thomas
APPLICANT: Sequenom, Inc.
TITLE OF INVENTION: Systems and Methods for Performing Reactions in an Unsealed
FILE REFERENCE: Sequence listing for 24736-2023
Patent No. 6225061
CURRENT APPLICATION NUMBER: US/09/266,409
CURRENT FILING DATE: 1999-03-10
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patent Ver. 2.0
SEQ ID NO 8
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic primer
NAME/KEY: primer blind
LOCATION: (1)-(16)
OTHER INFORMATION: Sequencing primer for exon 7 of human p53 gene
US-09-266-409-8

Query Match 0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4738 GAGACCATCTCACC 4753
Db 1 GAGGCCATCTCACC 16

RESULT 422
US-09-411-862A-21/c
Sequence 21, Application US/09411862A
Patent No. 6348583
GENERAL INFORMATION:
APPLICANT: David Segev
TITLE OF INVENTION: POLY(ETHER-THIOETHER), POLY(ETHER-SULFOXIDE) AND POLY(ETHER-SULFONE) NUCLEIC ACIDS
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sol Sheindeln c/o Anthony Castorina
STREET: 2001 Jefferson Davis Highway, Suite 207
CITY: Arlington
STATE: Virginia
COUNTRY: United States of America
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead* Slimnote-890TX
OPERATING SYSTEM: MS DOS version 6.2,
Windows version 3.11
SOFTWARE: Word for Windows version 2.0 converted to an ASCII file
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/411,862A
FILING DATE: 04-Oct-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/384,995
FILING DATE: 20 AUG 1999
ATTORNEY/AGENT INFORMATION:
NAME: Sol Sheindeln
REGISTRATION NUMBER: 25,457
REFERENCE/DOCKET NUMBER: 00/20719 (previously 513/13)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 972-3-6127676
TELEFAX: 972-3-6127575
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 21:

```

; SEQUENCE CHARACTERISTICS:
;   LENGTH: 16
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-411-862A-21

Query Match      0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAG 1195
Db      16 AGAGAGAGAGAGAGAGAG 1

RESULT 423
US-09-411-862A-22
; Sequence 22, Application US/09411862A
; Patent No. 6348583
; GENERAL INFORMATION:
;   APPLICANT: David Segev
;   TITLE OF INVENTION: POLY(ETHER-THIOETHER), POLY(ETHER-
;   SULFOXIDE) AND POLY(ETHER-SULFONE) NUCLEIC
;   ACIDS
;   NUMBER OF SEQUENCES: 22
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Sol Sheindein c/o Anthony Castorina
;   STREET: 2001 Jefferson Davis Highway, Suite 207
;   CITY: Arlington
;   STATE: Virginia
;   COUNTRY: United States of America
;   ZIP: 22202
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
;   COMPUTER: Twinhead Slimnote-890TX
;   OPERATING SYSTEM: MS DOS version 6.2,
;   Windows version 3.11
;   SOFTWARE: Word for Windows version 2.0 converted to
;   an ASCII file
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/411,862A
;   FILING DATE: 04-Oct-1999
;   CLASSIFICATION: <Unknown>
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: 09/384,995
;   FILING DATE: 20 AUG 1999
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Sol Sheindein
;   REGISTRATION NUMBER: 25,457
;   REFERENCE/DOCKET NUMBER: 00/20719 (previously 513/13)
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 972-3-6127676
;   TELEFAX: 972-3-6127575
;   TELEX: <Unknown>
;   INFORMATION FOR SEQ ID NO: 22:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 16
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;   SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-411-862A-22

Query Match      0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1181 GAGAGAGAGAGAGAGA 1196
Db      1 GAGAGAGAGAGAGAGA 16
```

```

RESULT 424
US-09-678-620-8
; Sequence 8, Application US/09678620
; Patent No. 6485913
; GENERAL INFORMATION:
;   APPLICANT: Becker, Thomas
;   APPLICANT: Hubert K'ester
;   APPLICANT: Charles Cantor
;   TITLE OF INVENTION: Systems and Methods for Performing Reactions in an Unsealed
;   TITLE OF INVENTION: Environment
;   PILE REFERENCE: Sequence listing for 24736-2023B
;   Patent No. 6485913
;   CURRENT APPLICATION NUMBER: US/09/678,620
;   CURRENT FILING DATE: 2000-10-02
;   PRIOR APPLICATION NUMBER: 09/266,409
;   PRIOR FILING DATE: 1999-03-10
;   NUMBER OF SEQ ID NOS: 8
;   SOFTWARE: Patentin Ver. 2.0
;   SEQ ID NO 8
;   LENGTH: 16
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: Synthetic primer
;   NAME/KEY: primer bind
;   LOCATION: (1)..(16)
;   OTHER INFORMATION: Sequencing primer for exon 7 of human p53 gene
US-09-678-620-8

Query Match      0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4738 GAGAGCCATCTCACC 4753
Db      1 GAGGCCATCTCACC 16

RESULT 425
US-08-885-126-4/C
; Sequence 4, Application US/08885126A
; Patent No. 5955597
; GENERAL INFORMATION:
;   APPLICANT: Arnold, Lyle J.
;   APPLICANT: Riley, Timothy A.
;   APPLICANT: Reynolds, Mark A.
;   APPLICANT: Schwartz, David A.
;   TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
;   FILE REFERENCE: GENTA.020FW2
;   CURRENT APPLICATION NUMBER: US/08/885,126A
;   CURRENT FILING DATE: 1997-06-30
;   EARLIER APPLICATION NUMBER: 08/343,018
;   EARLIER FILING DATE: 1994-11-21
;   EARLIER APPLICATION NUMBER: 08/154,013
;   EARLIER FILING DATE: 1993-11-16
;   NUMBER OF SEQ ID NOS: 22
;   SOFTWARE: FastSeq for Windows Version 3.0
;   SEQ ID NO 4
;   LENGTH: 17
;   TYPE: RNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-4

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAG 1195
Db      1 AGAGAGAGAGAGAGAGAG 16
```

Db 16 AGAGAGAGAGAGAG 1

RESULT 426

US-08-985-126-17/c
Sequence 17, Application US/08885126A
Patent No. 5955597
GENERAL INFORMATION:
APPLICANT: Arnold, Lyle J.
APPLICANT: Riley, Timothy A.
APPLICANT: Reynolds, Mark A.
APPLICANT: Schwartz, David A.
TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
FILE REFERENCE: GENTA.020FM2
CURRENT APPLICATION NUMBER: US/08/885,126A
CURRENT FILING DATE: 1997-06-30
EARLIER APPLICATION NUMBER: 08/343,018
EARLIER FILING DATE: 1994-11-21
EARLIER APPLICATION NUMBER: 08/154,013
EARLIER FILING DATE: 1993-11-16
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 17
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Chemically synthesized oligomer
US-08-985-126-17

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1180 AGAGAAAGAGAGAG 1195

Db 16 AGAGAGAGAGAGAG 1

RESULT 427

US-08-985-162-565/c
Sequence 565, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476

FILING DATE: 31 January 1997

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 230/107

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 565:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-985-162-565

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 778 GCCCAGAGAGGAG 793

Db 16 GCCCAGAGAGGAG 1

RESULT 428

US-09-371-772B-6930
Sequence 6930, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Payco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Scinchcomb, Dan
APPLICANT: Rescopedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEMB00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6930
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6930

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 199 CCAACCCCAATCTCC 214

Db 2 CCAACCCCAATCTCC 17

RESULT 429

US-09-371-772B-6932
Sequence 6932, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Payco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Scinchcomb, Dan
APPLICANT: Rescopedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

```
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371, 772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6932
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-6932

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      200 CACACCCCATCTCCG 215
        |||||:|||||
Db       1 CACACCCCAACUCCG 16

RESULT 430
; US-09-401-063-565/C
; Sequence 565, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401, 063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 565:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
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```
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-565

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      778 GCCCAGAGAGGCGAG 793
        |||||:|||||
Db       16 GCCCAGAGAGGCGAG 1

RESULT 431
; US-09-866-108A-1892
; Sequence 1892, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1892
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1892

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3255 CCAGACCTGCCTCT 3270
        |||||:|||||
Db       2 CCAGACCTGCCTCT 17

RESULT 432
; US-09-866-108A-1893
; Sequence 1893, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
```

```
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 1893
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-1893

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservatave 0; Mismatches 1; Indels 0; Gaps 0;

QY 3255 CGAGACTGGCCTCT 3270
Db 1 CGAGACTGGCCTCT 16

RESULT 433
US-09-866-108A-1894
/ Sequence 1894, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 1894
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-1894

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservatave 0; Mismatches 1; Indels 0; Gaps 0;

QY 3257 AGGACTGGCCTCT 3272
Db 2 AGGACTGGCCTCT 17

RESULT 434
US-09-866-108A-1895
/ Sequence 1895, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 1895
```

LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1895

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3257 AGACCTGCGCTCTGT 3272
DB 1 AGACCTGCGCTCTCT 16

RESULT 435
US-09-866-108A-6112/c
Sequence 6112, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecmca Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6112
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6112

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2133 GGAATACTCACCTG 2148
DB 17 GGAATACTCACCTG 2

RESULT 436
US-09-866-108A-6113/c
Sequence 6113, Application US/09866108A
Patent No. 6686188

GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecmca Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6113
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6113

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2133 GGAATACTCACCTG 2148
DB 16 GGAATACTCACCTG 1

RESULT 437
US-09-866-108A-6199/c
Sequence 6199, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27

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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6199
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6199

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      900 GGGGTGACCCAGGC 915
Db      17 GGGGTGATCCAGGC 2

RESULT 438
US-09-866-108A-6200/c
; Sequence 6200, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
```

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; SEQ ID NO 6200
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6200

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      900 GGGGTGACCCAGGC 915
Db      16 GGGGTGATCCAGGC 1

RESULT 439
US-09-866-108A-6257/c
; Sequence 6257, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6257
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6257

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1475 TTGGCCAGGCTGGA 1490
Db      17 TTGGCCAGGCTGGA 2

RESULT 440
US-09-866-108A-6258/c
; Sequence 6258, Application US/09866108A
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```

; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A60MICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6258
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6258

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1475 TTGGCCAGGCTGCA 1480
Db      16 TTGGCCGCGGCTGCA 1

RESULT 441
US-09-866-108A-7409
; Sequence 7409, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A60MICA Sequence Listing Engine
; US-09-866-108A-7409
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; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A60MICA Sequence Listing Engine
; US-09-866-108A-7409

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      658 GAGACAGCAGTGGCA 673
Db      2 GAGCAGACGAGTGGCA 17

RESULT 442
US-09-866-108A-7410
; Sequence 7410, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A60MICA Sequence Listing Engine
; US-09-866-108A-7410
```


; Patent No. 6686188
; SEQ ID NO 7410
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7410

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 658 GAGAGAGAGTGGCA 673
Db 1 GAGCAGCAGTGGCA 16

RESULT 443
US-09-866-108A-7797/c
; Sequence 7797, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7797
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7797

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2644 CAGCTGCTGCTGAGC 2659
Db 17 CAGCTGCTGCTGAGC 2

RESULT 444
US-09-866-108A-7798/c

; Sequence 7798, Application US/09866108A

; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7798
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7798

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2644 CAGCTGCTGCTGAGC 2659
Db 16 CAGCTGCTGCTGAGC 1

RESULT 445
US-09-385-219A-86/c
; Sequence 86, Application US/09385219A
; Patent No. 6720181
; GENERAL INFORMATION:
; APPLICANT: Chaur, D.
; APPLICANT: Pagano, M.
; APPLICANT: Latres, E.
; TITLE OF INVENTION: NOVEL UBIQUITIN LIGASES AS THERAPEUTIC TARGETS
; FILE REFERENCE: 5914-081
; CURRENT APPLICATION NUMBER: US/09/385,219A
; PRIOR FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: 60/098,355
; PRIOR FILING DATE: 1998-08-28
; PRIOR APPLICATION NUMBER: 60/118,568
; PRIOR FILING DATE: 1999-02-03
; PRIOR APPLICATION NUMBER: 60/124,449
; PRIOR FILING DATE: 1999-03-15
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patent Ver. 2.0

SEQ ID NO 86
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-09-385-219A-86

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 482 TGGGAACATCCCCG 497
Db 17 TGAGAACATCCCCG 2

RESULT 446
PCT-US93-07603-5
Sequence 5, Application PC/RUS9307603
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: NUCLEIC ACID RECOGNITION AND TRANSPORT
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
CITY: Boston
STATE: Massachusetts
COUNTRY: United States of America
ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/07603
FILING DATE: 19930813
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/930,087
FILING DATE: 14-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Gates, Edward R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: M0636/7007W0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-720-3500
TELEFAX: 617-720-2441
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: Nucleotides 1-16 are ribonucleotides
DESCRIPTION: and nucleotide 17 is a deoxyribonucleotide.
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US93-07603-5

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAG 1195
Db 1 AGAGAGAGAGAGAG 16

RESULT 447
US-07-976-103A-11/c
Sequence 11, Application US/07976103A
Patent No. 5645985
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILRAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/976,103A
FILING DATE: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-976-103A-11

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGA 1196
Db 16 GAAAAAGAGAGAGA 1

RESULT 448
US-08-363-240A-1085/c
Sequence 1085, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bieslager, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
PREVENTION, INHIBITION OF
PROGRESSION AND REGRESSION
OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700

CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1085:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-1085

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1928 CTTTGAGCAGCAGC 1943
Db 16 CTTTGAGCAGCAGC 1

RESULT 449
US-08-321-613-5/c
Sequence 5, Application US/08321613
Patent No. 5789247
GENERAL INFORMATION:
APPLICANT: BALAY, ANNICK
APPLICANT: BOPEA, GEORGES
APPLICANT: CARTRON, JEAN-PIERRE
APPLICANT: CHRETEIN, STANY
APPLICANT: LAMBIN, PATRICK
APPLICANT: LOPEZ, CLAUDE
APPLICANT: SALMON, CHARLES
TITLE OF INVENTION: EXPRESSION IN NON-TUMORAL HUMAN
TITLE OF INVENTION: LYMPHOBLASTOID LINES WITH AN INTEGRATIVE VECTOR
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
STREET: PO BOX 747
CITY: FALLS CHURCH
STATE: VA
COUNTRY: USA
ZIP: 22040-0747
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/321,613
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: SVENSSON, LEONARD R
REGISTRATION NUMBER: 30,330
REFERENCE/DOCKET NUMBER: 1217-130
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
TELEFAX: (703) 205-8050
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-321-613-5

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 202 CACCCATCTCCGTC 217
Db 17 CACCCATCTCCGTC 2

RESULT 450
US-08-311-486C-1148/c
Sequence 1148, Application US/08311486C
Patent No. 581300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1148:

two

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-1148

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 CTGAGAGCTCTGAG 26
DB 18 CTGAGAGCTCTGAG 3

RESULT 451
US-08-473-481-11/C
Sequence 11, Application US/08473481

PATENT No. 5830653
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: MAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDDO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,481
FILING DATE: 07-JUN-1995

CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992

CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992

CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994

CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992

CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899

TELEX:
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-473-481-11

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAGAGAGAGAGA 1196
DB 16 GAGAGAGAGAGAGA 1

RESULT 452
US-08-940-332-4
Sequence 4, Application US/08940332

PATENT No. 5885834
GENERAL INFORMATION:
APPLICANT: Epstein, Paul M.
TITLE OF INVENTION: SYNTHESIS OF ANTISENSE
TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDE OF PHOSPHODIESTERASE AND
TITLE OF INVENTION: INDUCEMENT OF APOPTOSIS IN HUMAN LYMPHOBLASTOID CELLS
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: ALIX, VALE & RISTAS, LLP
STREET: 750 MAIN STREET
CITY: HARTFORD
STATE: CT
COUNTRY: USA
ZIP: 06103-2721

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,332
FILING DATE: 30-SEP-1997

PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 60/027,207
FILING DATE: 30-SEP-1996

ATTORNEY/AGENT INFORMATION:
NAME: Alix, James E.
REGISTRATION NUMBER: 20,736
REFERENCE/DOCKET NUMBER: UCON/137/US

TELECOMMUNICATION INFORMATION:
TELEPHONE: (860) 527-9211
TELEFAX: (860) 527-5029

INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotide"
US-08-940-332-4

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3989 CTGAGCTGAGAGCTGT 4004
DB 1 CTGAGCATGAGAGCTGT 16

RESULT 453

US-08-940-332-5/c
; Sequence 5, Application US/08940332
; Patent No. 5885834
; GENERAL INFORMATION:
; APPLICANT: Epcel, Paul M.
; TITLE OF INVENTION: SYNTHESIS OF ANTISENSE
; TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDE OF PHOSPHODIESTERASE AND
; TITLE OF INVENTION: INDUCEMENT OF APOPTOSIS IN HUMAN LYMPHOBLASTOID CELLS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ALIX, YADE & RISTAS, LLP
; STREET: 750 MAIN STREET
; CITY: HARTFORD
; STATE: CT
; COUNTRY: USA
; ZIP: 06103-2721
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/940,332
; FILING DATE: 30-SEP-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/027,207
; FILING DATE: 30-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Alix, James E.
; REGISTRATION NUMBER: 20,736
; REFERENCE/DOCKET NUMBER: UCON/137/US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (860)527-9211
; TELEFAX: (860)527-5029
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
US-08-940-332-5
Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3989 CTGAGCTGAGCTGT 4004
DB 18 CTGAGCTGAGCTGT 3
RESULT 454
US-09-357-072-17/c
; Sequence 17, Application US/09357072
; Patent No. 6015712
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Brenda F. Baker
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PADD EXPRESSION
; FILE REFERENCE: RTS-0027
; CURRENT APPLICATION NUMBER: US/09/357,072
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-357-072-17/c
Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3311 AGGAGAACACCTGGA 3326
DB 17 AGGAGAACACCTGGA 2
RESULT 455
US-08-338-352-12/c
; Sequence 12, Application US/08338352
; Patent No. 6235887
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: JONES, ROBERT J.
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGER, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-338-352-12
Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1181 GAGGAGAGAGAGA 1196
DB 16 GAGGAGAGAGAGA 1
RESULT 456
US-08-584-040-2983
; Sequence 2983, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James

```

; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/06/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Waiburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2983:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2983

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 68.8%; Pred. No. 4.9e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 313 CCTCTGGGCTCTCC 328
||:|:|:|:|:|:|:|
Db 1 CCUCUCGGCUCUC 16

RESULT 457
US-08-599-738A-11/c
; Sequence 11, Application US/08599738A
; Patent No. 6380368
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUJO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
```

```

; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,738A
; FILING DATE: 12-FEB-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/473,481
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/976,103
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/965,941
; FILING DATE: 23-OCT-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/799,824
; FILING DATE: 26-NOV-1991
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 162.302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-599-738A-11

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGA 1196
||:|:|:|:|:|:|:|
Db 16 GAAAAAGAGAGAGA 1

RESULT 458
US-09-350-982C-2/c
; Sequence 2, Application US/09350982C
; Patent No. 6455290
; GENERAL INFORMATION:
; APPLICANT: Berthelsen, Jens
; APPLICANT: Toma, Salvatore
; APPLICANT: Isacchi, Antonella
; TITLE OF INVENTION: Tankyrase Homolog Protein (TRP), Nucleic Acids, and Methods Relat
; TITLE OF INVENTION: Same
; FILE REFERENCE: PHRM-0043
; CURRENT APPLICATION NUMBER: US/09/350,982C
; CURRENT FILING DATE: 1999-07-09
```

```
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCR Primers
US-09-350-982C-2
```

```
Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 578 AGGAGCTGAAGAGATT 593
Db 17 AGGAGCTGAAGAGAT 2
```

```
RESULT 459
US-09-322-409-151/C
; Sequence 151, Application US/09322409
; Patent No. 6471957
; GENERAL INFORMATION:
; APPLICANT: Sim, Gek-Kee
; APPLICANT: Yang, Shumin
; APPLICANT: Drelitz, Matthew J.
; APPLICANT: Wonderling, Ramani S.
; TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC
; FILE REFERENCE: IM-2-C1
; CURRENT APPLICATION NUMBER: US/09/322.409
; EARLIER FILING DATE: 1999-05-28
; EARLIER APPLICATION NUMBER: 60/087,306
; EARLIER FILING DATE: 1998-05-29
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 151
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-322-409-151
```

```
Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.9e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 744 GGAGCAGATGGGCTGAG 761
Db 18 GGAGGAGATGGGCTGTG 1
```

```
RESULT 460
US-09-260-629-12
; Sequence 12, Application US/09260629
; Patent No. 6479626
; GENERAL INFORMATION:
; APPLICANT: Kim, Jin-Soo
; APPLICANT: Pabo, Carl O.
; APPLICANT: Massachusetts Institute of Technology
; TITLE OF INVENTION: Poly Zinc Finger Proteins With Improved Linkers
; FILE REFERENCE: 019496-002510US
; CURRENT APPLICATION NUMBER: US/09/260.629
; EARLIER FILING DATE: 1999-03-01
; EARLIER APPLICATION NUMBER: US 60/076,454
; EARLIER FILING DATE: 1998-03-02
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 12
; LENGTH: 18
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: NZ site with
; OTHER INFORMATION: NRB- and Zlf268-binding sites directly juxtaposed
US-09-260-629-12
```

```
Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 5192 GGGTTACCGTGGAG 5207
Db 3 GGGTTACCGTGGGCG 18
```

```
RESULT 461
US-09-451-527-151/C
; Sequence 151, Application US/09451527
; Patent No. 6482403
; GENERAL INFORMATION:
; APPLICANT: Sim, Gek-Kee
; APPLICANT: Yang, Shumin
; APPLICANT: Drelitz, Matthew J.
; APPLICANT: Wonderling, Ramani S.
; TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC
; FILE REFERENCE: IM-2-C2
; CURRENT APPLICATION NUMBER: US/09/451.527
; EARLIER FILING DATE: 1999-12-01
; EARLIER APPLICATION NUMBER: 09/322,409
; EARLIER FILING DATE: 1999-05-28
; EARLIER APPLICATION NUMBER: 60/087,306
; EARLIER FILING DATE: 1998-05-29
; NUMBER OF SEQ ID NOS: 174
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 151
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-451-527-151
```

```
Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.9e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 744 GGAGCAGATGGGCTGAG 761
Db 18 GGAGGAGATGGGCTGTG 1
```

```
RESULT 462
US-09-422-978-7389
; Sequence 7389, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422.978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
```

```
; SEQ ID NO 7389
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-4207 for SEQ 3455,
US-09-422-978-7389
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2387 TTCACCTCTGTTCCA 2402
Db      2   TTCACCTCTTCCA 17
```

```
RESULT 463
US-09-422-978-9111
; Sequence 9111, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSERT 020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9111
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-22262 for SEQ 1246, in complet
US-09-422-978-9111
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      5152 ATTTCCTCTGGCTGT 5167
Db      1   ATTTCCTCTGGCTGT 16
```

```
RESULT 464
US-09-371-772B-1411
; Sequence 1411, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Sclinchomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
```

```
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1411
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1411
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 68.8%; Pred. No. 4.9e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      313 CCTCTGGCTCTCC 328
Db      1   CCTCTGGCTCTCC 16
```

```
RESULT 465
US-10-294-203-11/C
; Sequence 11, Application US/10294203
; Patent No. 6753168
; GENERAL INFORMATION:
; APPLICANT: Froehner, Brian
; APPLICANT: Wagner, Rick
; APPLICANT: Mateucci, Mark
; APPLICANT: Jones, Robert J.
; APPLICANT: Gutierrez, Arnold J.
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; FILE REFERENCE: GLIS0155
; CURRENT APPLICATION NUMBER: US/10/294,203
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 08/599,738
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: 10/024,818
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-294-203-11
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1181 GAGAAAGAGAGAGA 1196
Db      16   GAAAAAGAGAGAGA 1
```

```
RESULT 466
US-09-856-662-112
; Sequence 112, Application US/09856662
; Patent No. 6790616
; GENERAL INFORMATION:
; APPLICANT: MORIBR, Toyoki et al.
; TITLE OF INVENTION: Method for typing HLA class 1 genes
; FILE REFERENCE: 0032-0261P
; CURRENT APPLICATION NUMBER: US/09/856,662
; CURRENT FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: JP P1998-335151
; PRIOR FILING DATE: 1998-11-26
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: PatentIn Ver. 2.0
```


SEQ ID NO 112
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: DNA probe
US-09-856-662-112

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5237 AGATCTACAGACCA 5252
DB 3 AGATCTACAGACCA 18

RESULT 467
PCT-US96-11473A-16/c
Sequence 16, Application PC/TUS9611473A
GENERAL INFORMATION:
APPLICANT: LARRY GOLD
APPLICANT: MICHAEL LOCHRIE
APPLICANT: HANG CHEN
APPLICANT: CRAIG TUERK
TITLE OF INVENTION: INTRACELLULAR ACTION OF
TITLE OF INVENTION: NUCLEIC ACID LIGANDS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Swanson and Bratschun, L.L.C.
STREET: 8400 East Prentice Avenue, Suite #200
City: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.4 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/11473A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/521,515
FILING DATE: 30-AUGUST-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,872
FILING DATE: 11-JULY-1995
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX45/PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA
PCT-US96-11473A-16

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2978 CGCTGAGCCACTCTGC 2993
||||| |||||||

DB 17 CGCTGAGCCACTCTGC 2

RESULT 468
US-08-110-161A-9
Sequence 9, Application US/08110161A
Patent No. 6498147
GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Kitajima, Isao

TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East - Suite 500
City: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/110,161A
FILING DATE: 20-AUG-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Tumarikha Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: PD-2981
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..19
US-08-110-161A-9

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4040 AAGGGGCGCATGTGGA 4055
DB 2 AAGTGGGCGCATGTGGA 17
||||| |||||||

RESULT 469
US-08-110-161A-10/c
Sequence 10, Application US/08110161A
Patent No. 6498147
GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Kitajima, Isao
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East - Suite 500
City: Los Angeles
STATE: California
COUNTRY: USA

ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/110,161A
FILING DATE: 20-AUG-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: PD-2981
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
MOLECULE TYPE: DNA (genomic)
NAME/KEY: CDS
LOCATION: 1..19
US-08-110-161A-10

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4040 AAGGGGCGCATGTGGA 4055
DB 18 AAGTGGCGCATGTGGA 3

RESULT 470
PCT-US94-09350-9
Sequence 9, Application PC/TUS9409350
GENERAL INFORMATION:
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSER: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East - Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/09350
FILING DATE: 19-AUG-1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: PD-3758
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..19
PCT-US94-09350-9

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4040 AAGGGGCGCATGTGGA 4055
DB 2 AAGTGGCGCATGTGGA 17

RESULT 471
PCT-US94-09350-10/C
Sequence 10, Application PC/TUS9409350
GENERAL INFORMATION:
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSER: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East - Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/09350
FILING DATE: 19-AUG-1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: PD-3758
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..19
PCT-US94-09350-10

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4040 AAGGGGCGCATGTGGA 4055
DB 18 AAGTGGCGCATGTGGA 3

RESULT 472
US-08-410-540-5/C
Sequence 5, Application US/08410540
Patent No. 5807678

```

GENERAL INFORMATION:
APPLICANT: Miller, Walter L.
APPLICANT: Lin, Dong
APPLICANT: Strauss III, Jerome P.
TITLE OF INVENTION: IDENTIFICATION OF GENE MUTATIONS
TITLE OF INVENTION: ASSOCIATED WITH CONGENITAL LIPOID ADRENAL HYPERPLASIA
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESS: Cooley Godward Castro Huddleston & Tatum
CITY: Palo Alto
STATE: CA
COUNTRY: US
ZIP: 94306-2155
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/410,540
FILING DATE: 23-MAR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Neeley, Richard L.
REGISTRATION NUMBER: 30,092
REFERENCE/DOCKET NUMBER: UCAL-238/0005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415 853 5070
TELEFAX: 415 857 0663
TELEX: 380816COOLEYPA
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
HYPOHETICAL: NO
ANTI-SENSE: NO
US-08-410-540-5

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGC 2656
Db 16 CTGCCTGCTGCTGCTGC 1

RESULT 473
US-08-650-125-8
Sequence 8, Application US/08650125
Patent No. 5830751
GENERAL INFORMATION:
APPLICANT: BOEKE, JEF
APPLICANT: BRACHMANN, RAINER
TITLE OF INVENTION: GENETIC ASSAYS AND STRAINS
TITLE OF INVENTION: USING TP23
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESS: Banner & Witcoff, Ltd.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
```

```

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/650,125
FILING DATE: 01-MAY-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32,145
REFERENCE/DOCKET NUMBER: 1107.55985
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: 97430 BMB UR
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-650-125-8

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGGAGGAGAGATGG 2581
Db 4 GGGGAGGAGAGATGG 19

RESULT 474
US-08-795-006A-8
Sequence 8, Application US/08795006A
Patent No. 5840579
GENERAL INFORMATION:
APPLICANT: Boeke, Jef
APPLICANT: Brachmann, Rainer
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING P53
TITLE OF INVENTION: MUTATIONS WHICH SUPPRESS P53 CANCER MUTA- TIONS
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESS: Banner & Witcoff
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,006A
FILING DATE: 05-FEB-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32141
REFERENCE/DOCKET NUMBER: 01107.03170
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
```

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-795-006A-8

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGGAGAGAGATGG 2581
DB 4 GGGGAGGAGAGATGG 19

RESULT 475
US-08-293-779-1
Sequence 1, Application US/08293779
Patent No. 5851762
GENERAL INFORMATION:
APPLICANT: Simons, Malcolm J
TITLE OF INVENTION: Genomic Mapping by Direct Haplotyping
TITLE OF INVENTION: Using Intron Sequence Analysis
Patent No. 5851762
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Skjerven, Morrill, Macpherson, Franklin &
ADDRESSEE: Friel
STREET: 25 Metro Drive Suite 700
CITY: San Jose
STATE: California
COUNTRY: U.S.A.
ZIP: 95110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/293,779
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/971,856
FILING DATE: 09-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Terlizzi, Laura
REGISTRATION NUMBER: 31,307
REFERENCE/DOCKET NUMBER: M-1648-1P US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (408) 283-1222
TELEFAX: (408) 283-1233
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
DEVELOPMENTAL STAGE: Adult
POSITION IN GENOME:
CHROMOSOME/SEGMENT: 6
US-08-293-779-1

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4685 TGAGCCAGTCTTGGA 4700
|||||

DB 4 TGAGCCAGTCTTGGA 19

RESULT 476
US-09-184-073-8
Sequence 8, Application US/09184073
Patent No. 6183964
GENERAL INFORMATION:
APPLICANT: Boeke, Jef
APPLICANT: Brachmann, Rainer
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING P53
TITLE OF INVENTION: MUTATIONS WHICH SUPPRESS P53 CANCER MUTA- TIONS
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff
STREET: 1001 G Street, NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/184,073
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/795,006
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32141
REFERENCE/DOCKET NUMBER: 01107.03170
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-184-073-8

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGGAGAGAGATGG 2581
DB 4 GGGGAGGAGAGATGG 19

RESULT 477
US-09-506-286B-40
Sequence 40, Application US/09506286B
Patent No. 6482414
GENERAL INFORMATION:
APPLICANT: Dowling, Patricia W.
APPLICANT: Younger, Julius S.
APPLICANT: The University of Pittsburgh, of the Commonwealth
TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
FILE REFERENCE: BQ-1-C2
CURRENT APPLICATION NUMBER: US/09/506,286B
CURRENT FILING DATE: 2000-02-16
PRIOR APPLICATION NUMBER: 09/133,921
PRIOR FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: PCT/US99/18583
PRIOR FILING DATE: 1999-08-12

/ NUMBER OF SEQ ID NOS: 108
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 40
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Primer
US-09-506-286B-40

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4491 AGCGTACTTCACT 4506
DB 1 AGCGTACTTCACT 16

RESULT 478
US-09-422-978-11316/c
/ Sequence 11316, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CP1
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ EARLIER FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 11316
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURES:
/ NAME/KEY: primer_bind
/ LOCATION: 1..19
/ OTHER INFORMATION: downstream amplification primer 99-4199 for SEQ 3451, in compleme

US-09-422-978-11316

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5262 GTAAGTGAAGAG 5277
DB 19 GTAATTGAAGAG 4

RESULT 479
US-09-184-072-8
/ Sequence 8, Application US/09184072
/ Patent No. 656056
/ GENERAL INFORMATION:
/ APPLICANT: BOERKE, JEF
/ APPLICANT: BRACHMANN, RAINER
/ TITLE OF INVENTION: GENETIC ASSAYS AND STRAINS
/ TITLE OF INVENTION: USING TP23
/ NUMBER OF SEQUENCES: 8
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Banner & Wilcoff, Ltd.
/ STREET: 1001 G Street, N.W.
/ CITY: Washington
/ STATE: DC

/ COUNTRY: USA
/ ZIP: 20001
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/184,072
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/650,125
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kagan, Sarah A 32,145
/ REGISTRATION NUMBER: 1107.55985
/ REFERENCE/DOCKET NUMBER: 1107.55985
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-508-9100
/ TELEFAX: 202-508-9299
/ TELEX: 97430 BMB UT
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
US-09-184-072-8

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGGAGAGAGATGG 2581
DB 4 GGGGAGGAGAGATGG 19

RESULT 480
US-09-762-861B-40
/ Sequence 40, Application US/09762861B
/ Patent No. 6579528
/ GENERAL INFORMATION:
/ APPLICANT: The University of Pittsburgh - of the Commonwealth System of Higher
/ APPLICANT: Education
/ APPLICANT: Downing, Patricia W.
/ APPLICANT: Youngner, Julius S.
/ TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
/ FILE REFERENCE: HQ-1-C1-PUS (formerly HK2-033CPUS)
/ CURRENT APPLICATION NUMBER: US/09/762,861B
/ CURRENT FILING DATE: 2001-02-13
/ PRIOR APPLICATION NUMBER: PCT/US99/18583
/ PRIOR FILING DATE: 1999-08-12
/ PRIOR APPLICATION NUMBER: 09/133,921
/ PRIOR FILING DATE: 1998-08-13
/ NUMBER OF SEQ ID NOS: 43
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 40
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURES:
/ OTHER INFORMATION: Synthetic primer
US-09-762-861B-40

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4491 AGCGTACTTCACT 4506
|||||

```
Db          1 AGCGTACTTCACT 16

RESULT 481
US-10-065-133A-40
; Sequence 40, Application US/10065133A
; Patent No. 6685946
; GENERAL INFORMATION:
; APPLICANT: Dowling, Patricia W.
; APPLICANT: Youngner, Julius S.
; TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
; FILE REFERENCE: EQ-1-C2-1
; CURRENT APPLICATION NUMBER: US/10/065,133A
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: PCT/US99/18583
; PRIOR FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: 09/133,921
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 40
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer
US-10-065-133A-40

Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy          4491 AGCGTACTTCACT 4506
Db          1 AGCGTACTTCACT 16

RESULT 482
US-09-696-791-2070/c
; Sequence 2070, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2070
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B ribozyme binding site
US-09-696-791-2070

Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy          4374 GGGATCAGGATCAGG 4389
Db          19 GGGATCAGGATCAGG 4

RESULT 483
PCT-US91-03680-2/c
; Sequence 2, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.

APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 10
; OTHER INFORMATION: /mod_base= OTHER
; PCT-US91-03680-2

Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy          1181 GAGAAAGAGAGAGA 1196
Db          16 GAGAAAGAGAGAGA 1

RESULT 484
US-08-220-373-3
; Sequence 3, Application US/08220373
; Patent No. 5650559
; GENERAL INFORMATION:
; APPLICANT: Akamatsu, Toyokazu
; APPLICANT: Kagami, Teutomu
; APPLICANT: Sato, Hiromi
; APPLICANT: Shiga, Toshi
; TITLE OF INVENTION: METHODS FOR BREEDING AND PROPAGATING
; TITLE OF INVENTION: MALE STERILE PLANT
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSER: James C. Weseman
; STREET: 401 B. Street, Suite 1700
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92101-4297
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/220,373
FILING DATE: 30-MAR-1994
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 174499
FILING DATE: 14-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Weesman, James C.
REGISTRATION NUMBER: 30,507
REFERENCE/DOCKET NUMBER: P0057US0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 699-3604
TELEFAX: (619) 236-1048
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-220-373-3

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4465 ACTACTCTGATCCCTC 4480
Db 4 ACTACTCTCATCCCTC 19
|||||

RESULT 485
US-09-009-913-317
Sequence 317, Application US/09009913
Patent No. 6087485
GENERAL INFORMATION:
APPLICANT: Arys Pharmaceuticals, Inc.
TITLE OF INVENTION: Asthma Related Genes
NUMBER OF SEQUENCES: 339
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Ave, Suite 200
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009,913
FILING DATE: 21-JAN-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-4P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
TELEFAX: 650-327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 317:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
US-09-009-913-317

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2184 CCTTGCCAGGCTCTC 2199
Db 1 CCTTGCCAGGCTCTC 16
|||||

RESULT 486
US-08-872-855-13/C
Sequence 13, Application US/08872855
Patent No. 6121045
GENERAL INFORMATION:
APPLICANT: McCarthy, Sean
TITLE OF INVENTION: NOVEL HUMAN DELTA3 COMPOSITIONS AND
TITLE OF INVENTION: THERAPEUTIC USES THEREFOR
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HONG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/872,855
FILING DATE: 11-JUN-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MAA-003.02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-872-855-13

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3960 GGTGGCAGGCGCTCTG 3975
Db 20 GGTGGCAGGCGCTCTG 5
|||||

RESULT 487
US-09-313-932-394/C
Sequence 394, Application US/09313932A
Patent No. 6226642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.

APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 394
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-313-932-394

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3261 CCTGGCCTCTGTGCTT 3276
DB 19 CCTGGCCTCTGTGCTT 4

RESULT 488
US-09-021-701-551/c
Sequence 551, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 551:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHEICAL: NO
ANTI-SENSE: NO
US-09-021-701-551

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGA 5418
DB 20 AAAAAAGAAAAATCA 5

RESULT 489
US-09-021-701-552/c
Sequence 552, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 552:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHEICAL: NO
ANTI-SENSE: NO
US-09-021-701-552

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGA 5418
DB 19 AAAAAAGAAAAATCA 4

RESULT 490
US-09-021-701-553/c
Sequence 553, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021.701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 553:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-553

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAAAAAATGA 5418
|||||
Db 18 AAAAAAAAAAATCA 3

RESULT 491
US-09-021-701-554/C
Sequence 554, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021.701

FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 554:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-554

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAAAAAATGA 5418
|||||
Db 17 AAAAAAAAAAATCA 2

RESULT 492
US-09-021-701-555/C
Sequence 555, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021.701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 555:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO

; ANTI-SENSE: NO
US-09-021-701-555

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGA 5418
DB 16 AAAAAAGAAAAATCA 1

RESULT 493
US-09-657-452A-51
; Sequence 51, Application US/09657452A
; Patent No. 6426188
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
; FILE REFERENCE: RTS-0125
; CURRENT APPLICATION NUMBER: US/09/657,452A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-452A-51

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4640 TGGCTGAGAACACGAG 4655
DB 1 TGGCTGAGATACGAG 16

RESULT 494
US-09-661-753-56
; Sequence 56, Application US/09661753
; Patent No. 6436909
; GENERAL INFORMATION:
; APPLICANT: Susan P. Murray
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
; FILE REFERENCE: ISPH-0498
; CURRENT APPLICATION NUMBER: US/09/661,753
; CURRENT FILING DATE: 2000-09-14
; EARLIER APPLICATION NUMBER: 60/154,546
; EARLIER FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-661-753-56

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3695 GCGTGCCTTCTCTGC 3710
DB 5 GCTTGCCTTCTCTGC 20

RESULT 495

US-09-780-175-41/C
; Sequence 41, Application US/09780175
; Patent No. 6440738
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
; FILE REFERENCE: RTS-0164
; CURRENT APPLICATION NUMBER: US/09/780,175
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-175-41

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4873 CAGTTCTTCTCTGC 4888
DB 18 CAGTTCTTCTCTAC 3

RESULT 496
US-09-658-679A-52/C
; Sequence 52, Application US/09658679A
; Patent No. 6444464
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0186
; CURRENT APPLICATION NUMBER: US/09/658,679A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-52

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 576 GAGAGAGCTGAAGAG 591
DB 16 GAGAGAGCTGAAGAG 1

RESULT 497
US-09-658-679A-54/C
; Sequence 54, Application US/09658679A
; Patent No. 6444464
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0186
; CURRENT APPLICATION NUMBER: US/09/658,679A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-54

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 578 AGAGCTGAAGGACTT 593
Db 19 AGAGCTGAAGGACTT 4

RESULT 498
US-09-517-467B-127
Sequence 127, Application US/09517467B
Patent No. 6451602
GENERAL INFORMATION:
APPLICANT: Ian Popoff
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
FILE REFERENCE: RTS-0150
CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 127
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-127

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3630 GATCTTCCCAATTGCT 3645
Db 5 GATCTTCCCAATTGCT 20

RESULT 499
US-09-920-672-24/c
Sequence 24, Application US/09920672
Patent No. 6455308
GENERAL INFORMATION:
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
FILE REFERENCE: RTS-0251
CURRENT APPLICATION NUMBER: US/09/920,672
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-24

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4030 GTGGCTCTCCAAAGGG 4045
Db 16 GAGGCTCTCCAAAGGG 1

RESULT 500
US-09-434-066-4/c
Sequence 4, Application US/09434066
Patent No. 6465714
GENERAL INFORMATION:
APPLICANT: Luthman, L. Holger
TITLE OF INVENTION: Congenic Animal Models of No. 6465714-Insulin
FILE REFERENCE: 09705/009001
CURRENT APPLICATION NUMBER: US/09/434,066
CURRENT FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-09-434-066-4

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3214 CGACTGAGCTTGCTCA 3229
Db 17 CGACTGAGCTTGCTCA 2

RESULT 501
US-09-920-668-49
Sequence 49, Application US/09920668
Patent No. 6482644
GENERAL INFORMATION:
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 8 EXPRESSION
FILE REFERENCE: RTS-0246
CURRENT APPLICATION NUMBER: US/09/920,668
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-668-49

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 674 TGAAGTGCGCTCGTA 689
Db 4 TGAAGTGCGCTCGTA 19

RESULT 502
US-09-668-313A-247
Sequence 247, Application US/09668313A
Patent No. 6503756
GENERAL INFORMATION:
APPLICANT: Brett P. Monla
APPLICANT: Susan M. Freiler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
FILE REFERENCE: RTS-0127
CURRENT APPLICATION NUMBER: US/09/668,313A
CURRENT FILING DATE: 2000-09-22

```
; NUMBER OF SEQ ID NOS: 247
; SEQ ID NO 247
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-247

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2079 GCCCTGGGTCTCTCG 2094
Db      3 GCCCTGGGTCTCTCG 18

RESULT 503
US-09-954-560-47/c
; Sequence 47, Application US/09954560
; Patent No. 6524854
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF PKA REGULATORY SUBUNIT RII ALPHA EXPRESSION
; FILE REFERENCE: RTS-0192
; CURRENT APPLICATION NUMBER: US/09/954,560
; CURRENT FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-954-560-47

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      64 TTCTGAAGGCCCATTC 79
Db      20 TTCTGAAGGCCCATTC 5

RESULT 504
US-09-422-978-7609/c
; Sequence 7609, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7609
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20

; OTHER INFORMATION: upstream amplification primer 99-9662 for SEQ 3675.
US-09-422-978-7609

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      96 TCCGACCCCACTCTT 111
Db      16 TCCGACCCCACTCTT 1

RESULT 505
US-09-198-452A-6012
; Sequence 6012, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6012
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; US-09-198-452A-6012

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3712 TCTCAAGGGAGCCTGC 3727
Db      1 TCTCAAGGGAGCCTGC 16

RESULT 506
US-10-215-448-53/c
; Sequence 53, Application US/10215448
; Patent No. 6716975
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
; FILE REFERENCE: RTS-0179
; CURRENT APPLICATION NUMBER: US/10/215,448
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-53

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4114 GCCAGGTGAGCTGC 4129
Db      19 GCCAGGTGAGCTGC 4

RESULT 507
US-09-232-785-374/c
; Sequence 374, Application US/09232785
; Patent No. 6733965
; GENERAL INFORMATION:
```

APPLICANT: International Paper Co.
APPLICANT: Echt, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSAATELITE DNA MARKERS AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 4481/1E180S1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/222,884
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 374
LENGTH: 20
TYPE: DNA
ORGANISM: Pinus taeda L.
US-09-232-785-374

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4430 AGCCCTGTGTAAC 4445
DB 19 AGCCCTGTGTAAC 4

RESULT 508
US-09-513-597A-8
Sequence 8, Application US/09513597A
Patent No. 6770445
GENERAL INFORMATION:
APPLICANT: Scholler, Nathalie B.
APPLICANT: Helicrom, Ingegerd
APPLICANT: Helicrom, Karl Erik
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING
TITLE OF INVENTION: CARCINOMAS
FILE REFERENCE: 730033.410
CURRENT APPLICATION NUMBER: US/09/513,597A
CURRENT FILING DATE: 2000-02-25
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-09-513-597A-8

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3755 ACTCTGGGGCCAC 3770
DB 5 ACTCTGGGGCCAC 20

RESULT 509
US-08-222-177A-82/c
Sequence 82, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-da)n. (dc-dr)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Demilt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin

COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
TELEX:
INFORMATION FOR SEQ ID NO: 82:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd10p2
US-08-222-177A-82

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3596 CTCAGCTATCTCAACT 3614
DB 19 CTCAGCTATCTCAACT 1

RESULT 510
US-08-321-080-8/c
Sequence 8, Application US/08321080
Patent No. 5633436
GENERAL INFORMATION:
APPLICANT: WANDELT, CHRISTINE I.
TITLE OF INVENTION: Improved Feedcrops Enriched in
TITLE OF INVENTION: Sulfur Amino Acids and Methods
TITLE OF INVENTION: for Improvement
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. du Pont de Nemours
ADDRESS: and Company
STREET: 1007 Market Street
CITY: Wilmington
STATE: Delaware
COUNTRY: U.S.A.
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.0 MB
COMPUTER: IBM
OPERATING SYSTEM: Microsoft Windows
SOFTWARE: Microsoft Word, V2.0C
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/321,080
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/129,721
FILING DATE:
APPLICATION NUMBER: BB-1045

```

; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GALLEGOS, R. THOMAS
; REGISTRATION NUMBER: 32,692
; REFERENCE/DOCKET NUMBER: BB-1045-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (302) 892-7342
; TELEFAX: (302) 892-7949
; TELEX: 835420
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: No
; ANTI-SENSE: No
; FEATURE:
; NAME/KEY: OCW98
; LOCATION: 1..19
; OTHER INFORMATION: /note= "SYNTHETIC OLIGOMER"
US-08-321-080-8

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1122 GGCTCCTGGAGCCCAATG 1140
Db      19 GGTTGATGATACCAATG 1

RESULT 511
US-08-756-728A-1/c
; Sequence 1, Application US/08756728A
; Patent No. 5821354
; GENERAL INFORMATION:
; APPLICANT: Lectec, Guy
; APPLICANT: Martel, Remi
; TITLE OF INVENTION: RADIOLABELLED DNA OLIGONUCLEOTIDE, METHOD
; TITLE OF INVENTION: OF PREPARATION AND THERAPEUTIC USES THEREOF
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue, 4th Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/756,728A
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Bag., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 1398-1-001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
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; DESCRIPTION: /desc = "PRIMER"
; HYPOTHETICAL: NO
US-08-756-728A-1

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 512
US-08-470-426B-21/c
; Sequence 21, Application US/08470426B
; Patent No. 5856458
; GENERAL INFORMATION:
; APPLICANT: Okamoto, Hiroaki
; APPLICANT: Nakamura, Tetsuo
; TITLE OF INVENTION: OLIGONUCLEOTIDE PRIMERS, AND THEIR
; TITLE OF INVENTION: APPLICATION FOR HIGH-FIDELITY DETECTION OF NON-A, NON-B
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Beveridge, Degrandi, Wellacher & Young,
; ADDRESSER: L.L.P.
; STREET: 1850 M Street, N.W., Suite 800
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,426B
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 2-153402
; FILING DATE: 12-JUN-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Wellacher, Robert G.
; REGISTRATION NUMBER: 20,531
; REFERENCE/DOCKET NUMBER: 06/59-47083.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 659-2811
; TELEFAX: (202) 659-1462
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-08-470-426B-21

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3672 GGATGATCCGATGAACTC 3690
Db      19 GGTTGATCCGATGAACTC 1

RESULT 513
US-08-469-852A-2/c
; Sequence 2, Application US/08469852A
; Patent No. 5874213
```

```

; GENERAL INFORMATION:
; APPLICANT: Cummins, Lendell L.
; APPLICANT: Preter, Susan M.
; APPLICANT: Griffey, Richard
; APPLICANT: Srilatva, Susan G.
; TITLE OF INVENTION: Capillary Electrophoretic Detection of
; TITLE OF INVENTION: Nucleic Acids
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 58742131ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,852A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/295,509
; FILING DATE: 24-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straher
; REGISTRATION NUMBER: 38,325
; REFERENCE/DOCKET NUMBER: ISIS-2015
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-469-852A-2
;
; Query Match 0.3%; Score 14.2; DB 1; Length 19;
; Best Local Similarity 84.2%; Pred. No. 5.5e+02;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 5393 AAAAAAATACAAAAAGAA 5411
; Db 19 AAAAAAAAAAAAAAAAAAAAA 1
;
; RESULT 514
; US-08-271-882B-16/c
; Sequence 16, Application US/08271882B
; Patent No. 6017696
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; APPLICANT: Eugene Tu
; APPLICANT: Glen A. Evans
; APPLICANT: Ronald G. Sosnowski
; TITLE OF INVENTION: SELF-ASSEMBLING
; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
; TITLE OF INVENTION: DEVICES FOR
; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS
; TITLE OF INVENTION: AND DIAGNOSTICS
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA

```

```

; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/271,882B
; FILING DATE: July 7, 1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/146,504
; FILING DATE: No. 6017696member 1, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, David B.
; REGISTRATION NUMBER: 31,125
; REFERENCE/DOCKET NUMBER: 207/263
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic
; TYPE: acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-271-882B-16
;
; Query Match 0.3%; Score 14.2; DB 1; Length 19;
; Best Local Similarity 84.2%; Pred. No. 5.5e+02;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 5393 AAAAAAATACAAAAAGAA 5411
; Db 19 AAAAAAAAAAAAAAAAAAAAA 1
;
; RESULT 515
; US-08-295-509B-2/c
; Sequence 2, Application US/08295509B
; Patent No. 6045995
; GENERAL INFORMATION:
; APPLICANT: Cummins, Lendell L.
; APPLICANT: Preter, Susan M.
; APPLICANT: Griffey, Richard
; APPLICANT: Srilatva, Susan G.
; TITLE OF INVENTION: Capillary Electrophoretic Detection of
; TITLE OF INVENTION: Nucleic Acids
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 60459951ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/295,509B
; FILING DATE: 24-AUG-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straher
; REGISTRATION NUMBER: 38,325
; REFERENCE/DOCKET NUMBER: ISIS-1395
; TELECOMMUNICATION INFORMATION:

```

TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-295-509B-2

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5393 AAAAAATACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 516

US-09-234-237-1/c
Sequence 1, Application US/09234237
Patent No. 6127124
GENERAL INFORMATION:
APPLICANT: Leeds, Janet M
APPLICANT: Cummins, Lendell L
TITLE OF INVENTION: Fluorescence Based Nuclease Assay
FILE REFERENCE: ISIS3308
CURRENT APPLICATION NUMBER: US/09/234,237
CURRENT FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 1
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6127124e1
US-09-234-237-1

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5393 AAAAAATACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 517

US-09-016-520-20/c
Sequence 20, Application US/09016520A
Patent No. 6127533
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 20
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(18)

OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-20

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5393 AAAAAATACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 518

US-09-016-520-21/c
Sequence 21, Application US/09016520A
Patent No. 6127533
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 21
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-21

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5393 AAAAAATACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 519

US-09-016-520-22/c
Sequence 22, Application US/09016520A
Patent No. 6127533
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 22
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence


```
FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)-(18)
; OTHER INFORMATION: 2'-methoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-22
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 520
US-09-016-520-23/c
; Sequence 23, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)-(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-23
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Query Match

```
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 521
US-09-016-520-24/c
; Sequence 24, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
```

```
LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)-(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-24
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 522
US-09-016-520-25/c
; Sequence 25, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)-(19)
; OTHER INFORMATION: 5-methyl-2'-O-propyl
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-25
```

Query Match

```
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 523
US-09-016-520-26/c
; Sequence 26, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
```

```

; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)-
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-016-520-26
```

```

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```

RESULT 524
US-09-016-520-27/c
; Sequence 27, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; EARLIER FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 27
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)-
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-016-520-27
```

```

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```

RESULT 525
US-09-016-520-31/c
; Sequence 31, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
```

```

; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 31
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)-(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-016-520-31
```

```

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```

RESULT 526
US-09-016-520-33/c
; Sequence 33, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)-(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-016-520-33
```

```

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```

RESULT 527
US-09-016-520-34/c
; Sequence 34, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
```

```
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-016-520-34
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 528
US-09-016-520-44/c
; Sequence 44, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methylaminoxyethoxy
US-09-016-520-44
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 529
US-09-378-568-4/c
; Sequence 4, Application US/09378568
; Patent No. 6147200
; GENERAL INFORMATION:
```

```
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Fraser, Allister S
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: 2'-O-acetamido Modified Monomers and Oligomers
; FILE REFERENCE: ISIS4071
; CURRENT APPLICATION NUMBER: US/09/378,568
; CURRENT FILING DATE: 1999-08-19
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; OTHER INFORMATION: Sequence
US-09-378-568-4
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 530
US-09-130-973-20/c
; Sequence 20, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5 methyl, 2'-aminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-20
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 531
US-09-130-973-21/c
; Sequence 21, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
```

```
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawaaski, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5 methyl, 2'-dimethylaminoxyethyl
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-21
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 532
US-09-130-973-22/c
; Sequence 22, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawaaski, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-O-methoxyethyl (MOE)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-22
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 533
US-09-130-973-23/c
; Sequence 23, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
```

```
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawaaski, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-O-dimethylaminoxyethyl
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-23
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 534
US-09-130-973-24/c
; Sequence 24, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawaaski, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-O-methoxyethyl
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-24
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 535
US-09-130-973-25/c
; Sequence 25, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
```

```
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip Dan
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Kawaaski, Andrew M
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
/ FILE REFERENCE: ISIS2955
/ CURRENT APPLICATION NUMBER: US/09/130,973
/ CURRENT FILING DATE: 1998-08-07
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 25
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 2'-O-propyl
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
/ OTHER INFORMATION: Sequence
US-09-130-973-25
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 536
US-09-130-973-26/c
/ Sequence 26, Application US/09130973
/ Patent No. 6172209
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip Dan
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Kawaaski, Andrew M
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
/ FILE REFERENCE: ISIS2955
/ CURRENT APPLICATION NUMBER: US/09/130,973
/ CURRENT FILING DATE: 1998-08-07
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 26
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (18)-
/ OTHER INFORMATION: 5 methyl, 2'-dimethylaminoxyethyl
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
/ OTHER INFORMATION: Sequence
US-09-130-973-26
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 537
US-09-130-973-27/c
/ Sequence 27, Application US/09130973
/ Patent No. 6172209
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip Dan
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Kawaaski, Andrew M
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
/ FILE REFERENCE: ISIS2955
/ CURRENT APPLICATION NUMBER: US/09/130,973
/ CURRENT FILING DATE: 1998-08-07
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 27
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (18)-
/ OTHER INFORMATION: 5 methyl, 2'-O-methoxyethyl
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
/ OTHER INFORMATION: Sequence
US-09-130-973-27
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 538
US-09-130-973-31/c
/ Sequence 31, Application US/09130973
/ Patent No. 6172209
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip Dan
/ APPLICANT: Prakash, Thazha P
/ APPLICANT: Kawaaski, Andrew M
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
/ FILE REFERENCE: ISIS2955
/ CURRENT APPLICATION NUMBER: US/09/130,973
/ CURRENT FILING DATE: 1998-08-07
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 31
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)-(18)
/ OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine (T'-2'-DMAOE)
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
/ OTHER INFORMATION: Sequence
US-09-130-973-31
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 539
US-09-130-973-33/c
/ Sequence 33, Application US/09130973
```

```
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine (T'-2'-DMAOE)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-33
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 540
US-09-130-973-34/C
; Sequence 34, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine (T'-2'-DMAOE)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-34
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 541
US-09-130-973-44/C
```

```
; Sequence 44, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-O-methyleneiminoxyethyl thymidine
US-09-130-973-44
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 542
US-09-477-902-20/C
; Sequence 20, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-20
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 543
US-09-477-902-21/c
; Sequence 21, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 21
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-477-902-21
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAAAAACAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 544
US-09-477-902-22/c
; Sequence 22, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-22
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAAAAACAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 545
US-09-477-902-23/c
; Sequence 23, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 23
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-477-902-23
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAAAAACAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 546
US-09-477-902-24/c
; Sequence 24, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
```

US-09-477-902-24

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411

Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 547

US-09-477-902-25/C
; Sequence 25, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-O-propyl
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-477-902-25

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411

Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 548

US-09-477-902-26/C
; Sequence 26, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-26

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411

Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 549

US-09-477-902-27/C
; Sequence 27, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 27
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-27

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411

Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 550

US-09-477-902-31/C
; Sequence 31, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1


```
/ SEQ ID NO 31
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ NAME/KEY: misc_feature
/ LOCATION: (15)-(18)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-477-902-31
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 5393 AAAAAATACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 551
US-09-477-902-33/c
/ Sequence 33, Application US/09477902
/ Patent No. 6194598
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/477,902
/ PRIOR FILING DATE: 2000-01-05
/ PRIOR APPLICATION NUMBER: 09/016,520
/ PRIOR FILING DATE: 1998-01-30
/ PRIOR APPLICATION NUMBER: 60/037,143
/ PRIOR FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 33
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ NAME/KEY: misc_feature
/ LOCATION: (16)-(19)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-477-902-33
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 5393 AAAAAATACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 552
US-09-477-902-34/c
/ Sequence 34, Application US/09477902
/ Patent No. 6194598
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/477,902
/ PRIOR FILING DATE: 2000-01-05
/ PRIOR APPLICATION NUMBER: 09/016,520
```

```
/ PRIOR FILING DATE: 1998-01-30
/ PRIOR APPLICATION NUMBER: 60/037,143
/ PRIOR FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 34
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ NAME/KEY: misc_feature
/ LOCATION: (16)-(19)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-477-902-34
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 5393 AAAAAATACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 553
US-09-477-902-44/c
/ Sequence 44, Application US/09477902
/ Patent No. 6194598
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/477,902
/ PRIOR FILING DATE: 2000-01-05
/ PRIOR APPLICATION NUMBER: 09/016,520
/ PRIOR FILING DATE: 1998-01-30
/ PRIOR APPLICATION NUMBER: 60/037,143
/ PRIOR FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 44
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ NAME/KEY: misc_feature
/ LOCATION: (15)-(18)
/ OTHER INFORMATION: 2'-methylaminoxyethoxy
US-09-477-902-44
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 5393 AAAAAATACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 554
US-09-050-159-2
/ Sequence 2, Application US/09050159A
/ Patent No. 6197505
/ GENERAL INFORMATION:
/ APPLICANT: No. 6197505berg, Ielf T
/ APPLICANT: Andersson, Maria K
/ APPLICANT: Linstrom, Per H
```

```

; TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND
; FILE REFERENCE: 1248/1D042
; CURRENT APPLICATION NUMBER: US/09/050,159A
; EARLIER FILING DATE: 1998-03-27
; EARLIER APPLICATION NUMBER: 60/042,930
; EARLIER FILING DATE: 1987-04-03
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-09-050-159-2

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1553 CCAGCAGGTGAAGAAC 1571
DB      1 CCAGCAGGTGAAGAAATC 19

RESULT 555
US-08-726-278-16/c
; Sequence 16, Application US/08726278
; Patent No. 6238624
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Ty, Eugene
; APPLICANT: Evans, Glen A.
; APPLICANT: Sosnowski, Ronald G.
; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
; FILE REFERENCE: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
; CURRENT APPLICATION NUMBER: US/08/726,278
; CURRENT FILING DATE: 1996-10-04
; PRIOR APPLICATION NUMBER: 08/271,882
; PRIOR FILING DATE: 1994-07-07
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequences for
; OTHER INFORMATION: Labeling
US-08-726-278-16

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5411
DB      19 AAAAAAAAAAAAAAAAAA 1

RESULT 556
US-09-338-907-515/c
; Sequence 515, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18P1CP
```

```

; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 515
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..15
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.m182
US-09-338-907-515

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5411
DB      19 AAAAAAAAAAAAAAAAAA 1

RESULT 557
US-08-853-774-12
; Sequence 12, Application US/08853774
; Patent No. 6265557
; GENERAL INFORMATION:
; APPLICANT: Diamond, David
; APPLICANT: Nehlsen-Cannarella, Sandra
; APPLICANT: Fagoaga, Omar
; APPLICANT: Szalay, Aladar
; TITLE OF INVENTION: ABO HISTO-BLOOD GROUP O ALLELES OF THE BABOON
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/853,774
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: LOMAINM.100A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714/760-0404
; TELEFAX: 714/760-9503
; TELEX:
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
```

US-08-853-774-12

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3419 AGATGAGCGAGAACTGAG 3437

Db 1 AGAGAGCGCGGAAACTGAG 19

RESULT 558

US-09-123-108-6/c

; Sequence 6, Application US/09123108
; Patent No. 6271358
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkattraman
; APPLICANT: Bosewell, Herb
; TITLE OF INVENTION: RNA TARGETED 2'-MODIFIED OLIGONUCLEOTIDES THAT ARE
; TITLE OF INVENTION: CONFORMATIONALLY PREORGANIZED
; FILE REFERENCE: ISIS-3147 sequence 11ctg
; CURRENT APPLICATION NUMBER: US/09/123.108
; CURRENT FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6271358e1 sequence
US-09-123-108-6

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAA 5411

Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 559

US-09-378-665A-5/c

; Sequence 5, Application US/09378665A
; Patent No. 6277982
; GENERAL INFORMATION:
; APPLICANT: Fraser, Allister S.
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Jung, Michael E.
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Alkylation of Alcohols, Amines, Thiols and Their
; TITLE OF INVENTION: Derivatives by Cyclic Sulfate Intermediates
; FILE REFERENCE: ISIS4072
; CURRENT APPLICATION NUMBER: US/09/378.665A
; CURRENT FILING DATE: 1999-08-20
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6277982e1 Sequence
; NAME/KEY: misc feature
; LOCATION: (16)-(19)
; OTHER INFORMATION: 2'-modified T
US-09-378-665A-5

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAA 5411

Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 560

US-08-945-140-3/c

; Sequence 3, Application US/08945140
; Patent No. 6309878
; GENERAL INFORMATION:
; APPLICANT: CHEN, Rulhuan
; APPLICANT: DOIRON, Bruno
; APPLICANT: KAHN, Axel
; TITLE OF INVENTION: GLUCOSE-INDUCIBLE RECOMBINANT VIRAL
; TITLE OF INVENTION: VECTOR
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, Mallesport 3043
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/945.140
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 95/04558
; FILING DATE: 14-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/FR96/00560
; FILING DATE: 12-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Savitzky Bsq., Martin F.
; REGISTRATION NUMBER: 29,699
; REFERENCE/DOCKET NUMBER: EX95002-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-3816
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide"
US-08-945-140-3

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4983 ACAGGGGCGCCAGTCAG 5001

Db 19 ACTGGGGCGCCAGTCAG 1

RESULT 561

US-09-202-294-4/c

; Sequence 4, Application US/09202294
; Patent No. 6329519
; GENERAL INFORMATION:
; APPLICANT: Collingwood, Stephen P.
; APPLICANT: Moser, Heinz E.

```

; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Douglas, Mark E.
; TITLE OF INVENTION: Intermediates for oligonucleotides
; FILE REFERENCE: 4-20900/A/MA2134/PCT
; CURRENT APPLICATION NUMBER: US/09/202,294
; EARLIER FILING DATE: 1999-03-15
; EARLIER APPLICATION NUMBER: PCT/GB97/01490
; EARLIER FILING DATE: 1997-06-03
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-202-294-4

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 562
US-09-218-207-515/c
; Sequence 515, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Ilye, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CPL
; CURRENT APPLICATION NUMBER: US/09/218,207
; EARLIER FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 06/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 515
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..15
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
US-09-218-207-515

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 563
US-09-303-586-15/c
; Sequence 15, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venketrman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational
```

```

; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/09/303,586
; CURRENT FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage
; NAME/KEY: misc feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage
; NAME/KEY: misc feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
US-09-303-586-15

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 564
US-09-303-586-16/c
; Sequence 16, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venketrman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/09/303,586
; CURRENT FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2' - O-MOE linkage
; NAME/KEY: misc feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2' - O-MOE linkage
; NAME/KEY: misc feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2' - O-MOE linkage
US-09-303-586-16

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 565
```

```
US-09-303-586-17/c
; Sequence 17, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmationa
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/09/303,586
; CURRENT FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 17
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
US-09-303-586-17

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5411
DB      19 AAAAAAAAAAAAAAAAAA 1

RESULT 566
US-09-303-586-18/c
; Sequence 18, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmationa
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/09/303,586
; CURRENT FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; FILE REFERENCE: ISIS3315
```

```
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2' - O-MOE
US-09-303-586-18

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5411
DB      19 AAAAAAAAAAAAAAAAAA 1

RESULT 567
US-09-303-586-26/c
; Sequence 26, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmationa
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/09/303,586
; CURRENT FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2'-modified T linkage
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2'-modified T linkage
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-modified T linkage
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2'-modified T linkage
US-09-303-586-26

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5411
DB      19 AAAAAAAAAAAAAAAAAA 1

RESULT 568
US-09-227-782-1/c
; Sequence 1, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
```

```

; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl- 2'- aminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-1

Query Match
Best Local Similarity 84.2%; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 569
US-09-227-782-2/c
; Sequence 2, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5- methyl- 2'- dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-2

Query Match
Best Local Similarity 84.2%; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 570
US-09-227-782-3/c
; Sequence 3, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
```

```

; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'- methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-3

Query Match
Best Local Similarity 84.2%; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 571
US-09-227-782-4/c
; Sequence 4, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5- methyl- 2'- dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-4

Query Match
Best Local Similarity 84.2%; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 572
US-09-227-782-5/c
; Sequence 5, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
```

```
/ NUMBER OF SEQ ID NOS: 28
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 5
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ NAME/KEY: misc feature
/ LOCATION: (16)-(19)
/ OTHER INFORMATION: 5-methyl- 2'-methoxyethoxy
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-5

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 573
US-09-227-782-6/c
/ Sequence 6, Application US/09227782
/ Patent No. 6403779
/ GENERAL INFORMATION:
/ APPLICANT: Kawasaki, Andrew M
/ APPLICANT: Fraser, Allister S
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Prakash, Thazha P
/ TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
/ FILE REFERENCE: ISIS3315
/ CURRENT APPLICATION NUMBER: US/09/227,782
/ CURRENT FILING DATE: 1999-01-08
/ NUMBER OF SEQ ID NOS: 28
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 6
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ NAME/KEY: misc feature
/ LOCATION: (16)-(19)
/ OTHER INFORMATION: 5-methyl- 2'-O-propyl
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-6

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 574
US-09-227-782-7/c
/ Sequence 7, Application US/09227782
/ Patent No. 6403779
/ GENERAL INFORMATION:
/ APPLICANT: Kawasaki, Andrew M
/ APPLICANT: Fraser, Allister S
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Prakash, Thazha P
/ TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
/ FILE REFERENCE: ISIS3315
/ CURRENT APPLICATION NUMBER: US/09/227,782
/ CURRENT FILING DATE: 1999-01-08
/ NUMBER OF SEQ ID NOS: 28
```

```
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 7
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ NAME/KEY: misc feature
/ LOCATION: (18)
/ OTHER INFORMATION: 5-methyl- 2'-dimethylaminoxyethoxy
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-7

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 575
US-09-227-782-8/c
/ Sequence 8, Application US/09227782
/ Patent No. 6403779
/ GENERAL INFORMATION:
/ APPLICANT: Kawasaki, Andrew M
/ APPLICANT: Fraser, Allister S
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Prakash, Thazha P
/ TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
/ FILE REFERENCE: ISIS3315
/ CURRENT APPLICATION NUMBER: US/09/227,782
/ CURRENT FILING DATE: 1999-01-08
/ NUMBER OF SEQ ID NOS: 28
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 8
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ NAME/KEY: misc feature
/ LOCATION: (18)
/ OTHER INFORMATION: 5-methyl- 2'-methoxyethoxy
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-8

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 576
US-09-227-782-12/c
/ Sequence 12, Application US/09227782
/ Patent No. 6403779
/ GENERAL INFORMATION:
/ APPLICANT: Kawasaki, Andrew M
/ APPLICANT: Fraser, Allister S
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Prakash, Thazha P
/ TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
/ FILE REFERENCE: ISIS3315
/ CURRENT APPLICATION NUMBER: US/09/227,782
/ CURRENT FILING DATE: 1999-01-08
/ NUMBER OF SEQ ID NOS: 28
/ SOFTWARE: Patentin Ver. 2.1
```

```
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-12
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 577

```
US-09-227-782-14/c
; Sequence 14, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 14
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-14
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 578

```
US-09-227-782-15/c
; Sequence 15, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 15
```

```
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-15
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 579

```
US-09-227-782-25/c
; Sequence 25, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-25
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 580

```
US-09-619-103-25
; Sequence 25, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurtz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 19
```


TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-25

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 1 AAAAAAAAAAAAAAAAAAAAA 19

RESULT 581
US-09-288-679-1/c
Sequence 1, Application US/09288679
Patent No. 6465628
GENERAL INFORMATION:
APPLICANT: Ravikumar, Vasulunga
APPLICANT: Manoharan, Muthiah
APPLICANT: Capaldi, Daniel
APPLICANT: Krotz, Achim
APPLICANT: Cole, Douglas
APPLICANT: Guzaev, Andrei
TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric Compounds
FILE REFERENCE: IS153380
CURRENT APPLICATION NUMBER: US/09/288,679
CURRENT FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: 60/118,564
PRIOR FILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.0
SEQ ID NO 1
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: No. 6465628e1 Sequence
US-09-288-679-1

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 582
US-09-475-947A-12/c
Sequence 12, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTS00667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 12
LENGTH: 19
TYPE: DNA
ORGANISM: human
US-09-475-947A-12

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1182 AGAAGAGAGAGAGAGAA 1200
Db 19 AGAAGAGAGAGAGAGAA 1

RESULT 583
US-09-612-531-3/c
Sequence 3, Application US/09612531
Patent No. 6534639
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: 1818-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 3
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc feature
LOCATION: (16)-(19)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-09-612-531-3

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 584
US-09-612-531-7/c
Sequence 7, Application US/09612531
Patent No. 6534639
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: 1818-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 7
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc feature
LOCATION: (19)-(19)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-09-612-531-7

Query Match 0.3%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 585

US-09-612-531-13/c
; Sequence 13, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venktraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: 1s18-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-09-612-531-13

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 586

US-09-422-978-4635/c
; Sequence 4635, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4635
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind

; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-16563 for SEQ 701,
US-09-422-978-4635

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1189 GAGAGAGAGAAATCAGAGA 1207
DB 19 GATGAGAGGAAATGAGAGA 1

RESULT 587
US-09-422-978-7014/c
; Sequence 7014, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7014
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-22375 for SEQ 3080,
US-09-422-978-7014

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4863 CTTGGGTCCTGTTCTT 4881
DB 19 CTTCTGTCCTGTTCTT 1

RESULT 588
US-09-422-978-10242/c
; Sequence 10242, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10242
; LENGTH: 19
; TYPE: DNA

```

; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-10692 for SEQ 2377, in complen
US-09-422-978-10242
Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2318 CCATCATCTCCACCTTCT 2336
19 CCATATCTCTACCTTCT 1
Db

RESULT 589
US-09-422-978-11676/c
; Sequence 11676, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11676
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-21781 for SEQ 3811, in complen
US-09-422-978-11676
Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3039 GGAGACCCCTGCGTTGACT 3057
19 GGACACACTGCTGTGACT 1
Db

RESULT 590
US-10-121-135-5/c
; Sequence 5, Application US/10121135
; Patent No. 6552178
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muchiah
; APPLICANT: Cook, Phillip Dan
; TITLE OF INVENTION: 2'-O-Aminoethyl-oxymethyl-Modified Oligonucleotides
; FILE REFERENCE: ISIS-5036
; CURRENT APPLICATION NUMBER: US/10/121,135
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: 09/370,625
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 09/130,566
; PRIOR FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-modified T
US-10-121-135-5
Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411
19 AAAAAAAAAAAAAAAAAA 1
Db

RESULT 591
US-10-121-135-26/c
; Sequence 26, Application US/10121135
; Patent No. 6552178
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muchiah
; APPLICANT: Cook, Phillip Dan
; TITLE OF INVENTION: 2'-O-Aminoethyl-oxymethyl-Modified Oligonucleotides
; FILE REFERENCE: ISIS-5036
; CURRENT APPLICATION NUMBER: US/10/121,135
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: 09/370,625
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 09/130,566
; PRIOR FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: -sub-T)
US-10-121-135-26
Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411
19 AAAAAAAAAAAAAAAAAA 1
Db

RESULT 592
US-09-142-212A-10/c
; Sequence 10, Application US/09142212A
; Patent No. 6562960
; GENERAL INFORMATION:
; APPLICANT: Baxter, Anthony David
; APPLICANT: Collingwood, Stephen Paul
; APPLICANT: Douglas, Mark Edward
; APPLICANT: Taylor, Roger John
; TITLE OF INVENTION: Oligonucleotide Analogues
; FILE REFERENCE: ISIS4385
; CURRENT APPLICATION NUMBER: US/09/142,212A
; CURRENT FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: 97/00499
; PRIOR FILING DATE: 1997-02-24
```

```
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 10
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc feature
; LOCATION: (16)..(18)
; OTHER INFORMATION: Modified internucleoside linkage
US-09-142-212A-10

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 593
US-09-349-040A-3/C
; Sequence 3, Application US/09349040A
; Patent No. 6593466
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349,040A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6593466e1 Sequence
US-09-349-040A-3

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 594
US-09-349-040A-4/C
; Sequence 4, Application US/09349040A
; Patent No. 6593466
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349,040A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 4
; LENGTH: 19
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6593466e1 Sequence
US-09-349-040A-4

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 595
US-09-349-040A-5/C
; Sequence 5, Application US/09349040A
; Patent No. 6593466
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349,040A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6593466e1 Sequence
US-09-349-040A-5

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 596
US-09-596-377A-12/C
; Sequence 12, Application US/09596377A
; Patent No. 6602850
; GENERAL INFORMATION:
; APPLICANT: MAGNIN PHARMACEUTICALS, INC.
; TITLE OF INVENTION: Biological Variability of Asthma
; Associated Factors Useful in Treating and Diagnosing
; Atopic Allergies Including Asthma and Related Disorders
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Morgan, Lewis & Bockius LLP
; STREET: 1800 M St., NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/596,377A
```

```

; FILING DATE: 16-Jun-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/032,224
; FILING DATE: 02-DEC-1996
; APPLICATION NUMBER: US 08/980,872
; FILING DATE: 01-DEC-1997
; APPLICATION NUMBER: PCT/US97/21992
; FILING DATE: 02-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael S. Tuecan
; REGISTRATION NUMBER: 43,210
; REFERENCE/DOCKET NUMBER: 36870-5057-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 467 7000
; TELEFAX: 202 467 7176
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: other nucleic acid
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-09-596-377A-12

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4244 TCACCTCTGGAGAGTCAAC 4262
Db      19 TCATCTCTGGGAGACTCAGC 1

RESULT 597
US-09-982-212-39/c
; Sequence 39, Application US/09982212
; Patent No. 6617137
; GENERAL INFORMATION:
; APPLICANT: Dean, Frank B.
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION
; FILE REFERENCE: 13172.001202
; CURRENT APPLICATION NUMBER: US/09/982,212
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: Unassigned
; PRIOR FILING DATE: 2001-10-15
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence; No. 6617137e =
US-09-982-212-39

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1123 GCTCTCTGGAGCCCAATGCG 1141
Db      19 GCTCTCTGGAGCCCAATGCG 1

RESULT 598
US-09-409-926-17/c
; Sequence 17, Application US/09409926
; Patent No. 6617442
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
```

```

; APPLICANT: Lima, Walter F.
; APPLICANT: Wu, Hongjiang
; TITLE OF INVENTION: Human RNase H1 and Oligonucleotide Compositions Thereof
; FILE REFERENCE: IS154166
; CURRENT APPLICATION NUMBER: US/09/409,926
; CURRENT FILING DATE: 1999-09-30
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence; No. 6617442e1 Sequence
US-09-409-926-17

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAATACAAAAAGAA 1

RESULT 599
US-09-409-926-18/c
; Sequence 18, Application US/09409926
; Patent No. 6617442
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Lima, Walter F.
; APPLICANT: Wu, Hongjiang
; TITLE OF INVENTION: Human RNase H1 and Oligonucleotide Compositions Thereof
; FILE REFERENCE: IS154166
; CURRENT APPLICATION NUMBER: US/09/409,926
; CURRENT FILING DATE: 1999-09-30
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; OTHER INFORMATION: Description of Artificial Sequence; No. 6617442e1 Sequence
US-09-409-926-18

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAATACAAAAAGAA 1

RESULT 600
US-10-123-597-1/c
; Sequence 1, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: IS155040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
```

```

; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy
US-10-123-597-1
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATACAAAAAGAA 5411
      ||||| ||||| ||||| ||||| |||||
Db      19 AAAAAAAAAAAAAAAAAAAAA 1
```

```

RESULT 601
US-10-123-597-2/C
; Sequence 2, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-2
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATACAAAAAGAA 5411
      ||||| ||||| ||||| ||||| |||||
Db      19 AAAAAAAAAAAAAAAAAAAAA 1
```

```

RESULT 602
US-10-123-597-3/C
; Sequence 3, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
```

```

; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
US-10-123-597-3
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATACAAAAAGAA 5411
      ||||| ||||| ||||| ||||| |||||
Db      19 AAAAAAAAAAAAAAAAAAAAA 1
```

```

RESULT 603
US-10-123-597-4/C
; Sequence 4, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-4
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5393 AAAAAAATACAAAAAGAA 5411
      ||||| ||||| ||||| ||||| |||||
Db      19 AAAAAAAAAAAAAAAAAAAAA 1
```

```

RESULT 604
US-10-123-597-5/C
; Sequence 5, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
```

```

; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-5

```

```

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 605
US-10-123-597-6/c
; Sequence 6, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-O-propyl
US-10-123-597-6

```

```

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 606
US-10-123-597-7/c
; Sequence 7, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D

```

```

; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-7

```

```

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 607
US-10-123-597-8/c
; Sequence 8, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-8

```

```

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 608
US-10-123-597-12/c
; Sequence 12, Application US/10123597

```

```
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
PRIOR FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-12
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 609
US-10-123-597-14/c
Sequence 14, Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
PRIOR FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-14
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 610
US-10-123-597-15/c
Sequence 15, Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
PRIOR FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-15
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 611
US-10-123-597-25/c
Sequence 25, Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
PRIOR FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 25
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 2'-methyleneaminoxyethoxy
US-10-123-597-25
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5393 AAAAAATACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1
```


Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 612
US-09-349-033A-1/c
; Sequence 1, Application US/09349033A
; Patent No. 6639061
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin
; APPLICANT: An, Haoyun
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Oligomers and Related Compound
; FILE REFERENCE: ISIS-3312
; CURRENT APPLICATION NUMBER: US/09/349,033A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patent version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-09-349-033A-1

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 613
US-09-435-806-6/c
; Sequence 6, Application US/09435806
; Patent No. 6653458
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Guinose, Charles J.
; TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-4288
; CURRENT APPLICATION NUMBER: US/09/435,806
; CURRENT FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: US 09/115,043
; PRIOR FILING DATE: 1998-07-14
; PRIOR APPLICATION NUMBER: US 08/602,862
; PRIOR FILING DATE: 1996-02-28
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patent version 3.2
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-09-435-806-6

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 614
US-09-672-717-128
; Sequence 128, Application US/09672717

; Patent No. 6673917
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCase, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; FILE REFERENCE: 07891/025001
; CURRENT APPLICATION NUMBER: US/09/672,717
; CURRENT FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 128
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-09-672-717-128

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 564 GTTCTGAGAGAGAG 582
Db 1 GTTACTGAGAGAGAAAG 19

RESULT 615
US-10-098-816-15/c
; Sequence 15, Application US/10098816
; Patent No. 6737520
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkateshman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patent version 3.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)-(17)
; OTHER INFORMATION: 3' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (17)-(18)
; OTHER INFORMATION: 3' - O-MOE linkage
; NAME/KEY: misc feature
; LOCATION: (18)-(19)
; OTHER INFORMATION: 3' - O-MOE linkage
US-10-098-816-15

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAGAA 5411

Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 616

US-10-098-816-16/c
 ; Sequence 16, Application US/10098816
 ; Patent No. 6737520
 ; GENERAL INFORMATION:
 ; APPLICANT: Manoharan, Muthiah
 ; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
 ; TITLE OF INVENTION: Conifunctional Geometry
 ; FILE REFERENCE: ISIS3310
 ; CURRENT APPLICATION NUMBER: US/10/098,816
 ; CURRENT FILING DATE: 2002-04-19
 ; PRIOR APPLICATION NUMBER: US/09/303,586
 ; PRIOR FILING DATE: 1999-05-03
 ; NUMBER OF SEQ ID NOS: 34
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 16
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; OTHER INFORMATION: Oligonucleotide
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (16)..(17)
 ; OTHER INFORMATION: 2' - O-MOE linkage
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (17)..(18)
 ; OTHER INFORMATION: 2' - O-MOE linkage
 ; NAME/KEY: misc_feature
 ; LOCATION: (18)..(19)
 ; OTHER INFORMATION: 2' - O-MOE linkage
 ; US-10-098-816-16

Query Match 0.3%; Score 14.2; DB 1; Length 19;
 Best Local Similarity 84.2%; Pred. No. 5.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
 Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 617

US-10-098-816-17/c
 ; Sequence 17, Application US/10098816
 ; Patent No. 6737520
 ; GENERAL INFORMATION:
 ; APPLICANT: Manoharan, Muthiah
 ; APPLICANT: Mohan, Venkatraman
 ; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
 ; TITLE OF INVENTION: Conifunctional Geometry
 ; FILE REFERENCE: ISIS3310
 ; CURRENT APPLICATION NUMBER: US/10/098,816
 ; CURRENT FILING DATE: 2002-04-19
 ; PRIOR APPLICATION NUMBER: US/09/303,586
 ; PRIOR FILING DATE: 1999-05-03
 ; NUMBER OF SEQ ID NOS: 34
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 17
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; OTHER INFORMATION: Oligonucleotide

FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (15)..(16)
 ; OTHER INFORMATION: sub O linkage
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (16)..(17)
 ; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (17)..(18)
 ; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (18)..(19)
 ; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (19)..(19)
 ; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
 ; US-10-098-816-17

Query Match 0.3%; Score 14.2; DB 1; Length 19;
 Best Local Similarity 84.2%; Pred. No. 5.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
 Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 618

US-10-098-816-18/c
 ; Sequence 18, Application US/10098816
 ; Patent No. 6737520
 ; GENERAL INFORMATION:
 ; APPLICANT: Manoharan, Muthiah
 ; APPLICANT: Mohan, Venkatraman
 ; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
 ; TITLE OF INVENTION: Conifunctional Geometry
 ; FILE REFERENCE: ISIS3310
 ; CURRENT APPLICATION NUMBER: US/10/098,816
 ; CURRENT FILING DATE: 2002-04-19
 ; PRIOR APPLICATION NUMBER: US/09/303,586
 ; PRIOR FILING DATE: 1999-05-03
 ; NUMBER OF SEQ ID NOS: 34
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 18
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; OTHER INFORMATION: Oligonucleotide
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (15)..(16)
 ; OTHER INFORMATION: sub O linkage
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (16)..(17)
 ; OTHER INFORMATION: 2' - O-MOE; sub O linkage
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (17)..(18)
 ; OTHER INFORMATION: 2' - O-MOE; sub O linkage
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (18)..(19)
 ; OTHER INFORMATION: 2' - O-MOE; sub O linkage
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (19)..(19)

OTHER INFORMATION: 2' - O-MOE
US-10-098-816-18

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 619
US-10-098-816-26/c
Sequence 26, Application US/10098816
Patent No. 6737520

GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkataraman
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/10/098,816
PRIOR FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
SEQ ID NO 26
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(17)
OTHER INFORMATION: 2'-modified T linkage
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(18)
OTHER INFORMATION: 2'-modified T linkage
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-modified T linkage
FEATURE:
NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: 2'-modified T linkage
US-10-098-816-26

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 620
US-09-544-398B-336/c
Sequence 336, Application US/09544398B
Patent No. 6770461
GENERAL INFORMATION:
APPLICANT: Carnull, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013

CURRENT APPLICATION NUMBER: US/09/544,398B
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 336
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-09-544-398B-336

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3050 GGTTGGCTGGCTGGGCT 3068
DB 19 GGTTGGCTGGCTGGGCT 1

RESULT 621
US-09-696-791-796/c
Sequence 796, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
PRIOR FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 796
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Cdk7 ribozyme binding site
US-09-696-791-796

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2259 CTGGCAAAAAGAACCTT 2277
DB 19 CTGGCAAAAAGAACCTT 1

RESULT 622
PCT-US94-02175-8/c
Sequence 8, Application PC/TUS9402175
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: IMPROVED FEEDCROPS ENRICHED
TITLE OF INVENTION: IN SULFUR AMINO ACIDS AND
TITLE OF INVENTION: METHODS FOR IMPROVEMENT
NUMBER OF SEQUENCES: 9
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.50 INCH, 1.0 MB
COMPUTER: IBM
OPERATING SYSTEM: MICROSOFT WINDOWS
SOFTWARE: MICROSOFT WORD, V2.0C
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/02175
FILING DATE:

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/129,721
; FILING DATE: SEPTEMBER 30, 1993
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: OCM98
; LOCATION: 1..19
; OTHER INFORMATION: /note= "SYNTHETIC OLIGOMER"
PCT-US94-02175-8

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1122 GGCTCGGGAGCCCATGG 1140
Db      19 GGTTCATGGTACCATGG 1

RESULT 623
US-07-695-564-11/C
; Sequence 11, Application US/07695564
; Patent No. 5310874
; GENERAL INFORMATION:
; APPLICANT: Tamara, Richard N.
; APPLICANT: Quatara, Vito
; TITLE OF INVENTION: INTEGRIN ALPHA SUBUNIT CYTOPLASMIC
; TITLE OF INVENTION: DOMAIN POLYPEPTIDES, ANTIBODIES AND METHODS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Thomas Fitting
; STREET: 11300 Sorrento Valley Road, Suite 200
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/695,564
; FILING DATE: 19910503
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCRO377P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-1555
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
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; LOCATION: 1..20
; OTHER INFORMATION: /standard name= "PCR PRIMER 1157"
; OTHER INFORMATION: /note= "Primer corresponds to bp 2918-2937 of the
; OTHER INFORMATION: ALPHA 6A CDNA sequence of SEQ ID NO:2."
US-07-695-564-11

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2986 CACTGTGAGTGAAGATC 3004
Db      19 CACGTACAGTTAAGATC 1

RESULT 624
US-08-255-561-11/C
; Sequence 11, Application US/08255561
; Patent No. 5543294
; GENERAL INFORMATION:
; APPLICANT: Silverstein, Saul J.
; APPLICANT: Lungu, Octavian
; APPLICANT: Wright Jr., Thomas C.
; TITLE OF INVENTION: A POLYMERASE CHAIN
; TITLE OF INVENTION: REACTION/RESTRICTION FRAGMENT
; TITLE OF INVENTION: POLYMORPHISM METHOD FOR THE DETECTION
; TITLE OF INVENTION: AND TYPING OF HUMAN PAPILLOMAVIRUSES
; TITLE OF INVENTION: AND MYCOBACTERIUM AND FOR THE
; TITLE OF INVENTION: DIAGNOSIS OF CONGENITAL ADRENAL
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/255,561
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/916,940
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 39358-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 977-9550
; TELEFAX: (212) 664-0525
; TELEX: 422523 COOP UI
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-255-561-11

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1840 CTGGGCACTTGTCTGGGCA 1858
Db      1840 CTGGGCACTTGTCTGGGCA 1858
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Db 20 CTGGCAGGTTCCTGGGAA 2

RESULT 625

US-08-241-387-11/c

Sequence 11, Application US/08241387

Patent No. 5589570

GENERAL INFORMATION:

APPLICANT: Tamara, Richard N.

TITLE OF INVENTION: INTEGRIN ALPHA SUBUNIT CYTOPLASMIC

TITLE OF INVENTION: DOMAIN POLYPEPTIDES, ANTIBODIES AND METHODS

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESS: The Scripps Research Institute

STREET: 10666 No. 5589570th Torrey Pines Road, TPC-8

CITY: La Jolla

STATE: CA

COUNTRY: US

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

FILING DATE: 10-MAY-1994

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: USN 07/695,564

FILING DATE: 03-MAY-1004

ATTORNEY/AGENT INFORMATION:

NAME: Fitting, Thomas

REGISTRATION NUMBER: 34,163

REFERENCE/DOCKET NUMBER: TSRI241.0D1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-554-2937

TELEFAX: 619-554-6312

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULAR TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

FEATURES:

NAME/KEY: m1ac feature

LOCATION: 1..20

OTHER INFORMATION: /standard name= "PCR PRIMER 1157"

OTHER INFORMATION: /note= "Primer corresponds to bp 2918-2937 of the

US-08-241-387-11

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 5.8e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2986 CACTGTGACGTGAAGTC 3004

Db 19 CACGCTACGTAAAGATC 1

RESULT 626

US-07-951-715A-57

Sequence 57, Application US/07951715A

Patent No. 5625136

GENERAL INFORMATION:

APPLICANT: Kozziel, Michael G.

APPLICANT: Desai, Najini M.

APPLICANT: Lewis, Kelly S.

APPLICANT: Kramer, Vance C.

APPLICANT: Warren, Gregory W.

APPLICANT: Evola, Stephen V.

APPLICANT: Crossland, Lyle D.

APPLICANT: Wright, Martha S.

APPLICANT: Merlin, Ellis J.

APPLICANT: Launig, Karen L.

APPLICANT: Rochstein, Steven J.

APPLICANT: Bowman, Cindy G.

APPLICANT: Dawson, John L.

APPLICANT: Dunder, Erik M.

APPLICANT: Pace, Gary M.

APPLICANT: Suttie, Janet L.

TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED

TITLE OF INVENTION: INSECTICIDAL ACTIVITY IN MAIZE

NUMBER OF SEQUENCES: 94

CORRESPONDENCE ADDRESS:

ADDRESS: CIBA-GEIGY Corporation

STREET: 7 Skyline Drive

CITY: Hawthorne

STATE: New York

COUNTRY: USA

ZIP: 10532

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30B

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/951,715A

FILING DATE: 25-SEP-1992

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/772,027

FILING DATE: 04-OCT-1991

ATTORNEY/AGENT INFORMATION:

NAME: Spull, W. Murray

REGISTRATION NUMBER: 32,943

REFERENCE/DOCKET NUMBER: S-18805/A/CGC 1577/CIP

TELECOMMUNICATION INFORMATION:

TELEPHONE: (919)541-8615

TELEFAX: (919)541-8689

INFORMATION FOR SEQ ID NO: 57:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULAR TYPE: other nucleic acid

HYPOTHETICAL: NO

DESCRIPTION: /desc = "primer MK25A28"

US-07-951-715A-57

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 5.8e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACAGACCTGACCGACT 3131

Db 2 AGCGACCTGACCGCT 20

RESULT 627

US-08-171-718-13/c

Sequence 13, Application US/08171718

Patent No. 5707863

GENERAL INFORMATION:

APPLICANT: Trofater, James A.

APPLICANT: MacCollin, Mia M.

APPLICANT: Guseila, James F.

TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses

NUMBER OF SEQUENCES: 120

```

CORRESPONDENCE ADDRESS:
ADDRESS: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, N.W., Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/171,718
FILING DATE: 22-DEC-1993
CLASSIFICATION: 436
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/026,063
FILING DATE: 04-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 0609.3850003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-171-718-13

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTGCCAGCAGCGTGAAG 1567
DB 20 CAGGCCAGGAGGAGAAG 2

RESULT 628
US-08-350-325A-8
Sequence 8, Application US/08350325A
Patent No. 5747329
GENERAL INFORMATION:
APPLICANT: Alton Meister, Chin-Shiou Huang, and Mary
APPLICANT: E. Anderson
TITLE OF INVENTION: Glutamylcysteine Synthetase Light
TITLE OF INVENTION: Subunit
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSES: Yahwak & Associates
STREET: 25 Skytop Drive
CITY: Trumbull
STATE: Connecticut
COUNTRY: USA
ZIP: 06611
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: Macintosh
OPERATING SYSTEM: MS-DOS
SOFTWARE: Microsoft Word 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/350,325A
```

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FILING DATE: December 5th 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Yahwak, George M.
REGISTRATION NUMBER: 26,824
REFERENCE/DOCKET NUMBER: CRF D 1403
TELECOMMUNICATION INFORMATION:
TELEPHONE: 203 268 1951
TELEFAX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-350-325A-8

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5230 TACAGAGATCTACAAG 5248
DB 2 TCCAGAGACTTTCAGA 20

RESULT 629
US-08-653-653A-8/c
Sequence 8, Application US/08653653A
Patent No. 5788573
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker, C. Frank Bennett and Kevin P.
APPLICANT: Anderson
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: ANTISENSE INHIBITION OF PROTEIN
TITLE OF INVENTION: TRANSLATION
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSES: Jane Massey Licata, Esq.
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/653,653A
FILING DATE: May 24, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/007,997
FILING DATE: January 21, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/567,286
FILING DATE: August 14, 1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/927,506
FILING DATE: No. 5789573ember 19, 1992
PRIOR APPLICATION DATA:
```

APPLICATION NUMBER: 07/568,366
FILING DATE: August 16, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0146
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-653-653A-8

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4099 CTCCTGAGAGCCAGCCA 4117
DB 19 CGCCTGAGAGCCATCCA 1

RESULT 630
US-08-568-271-1
Sequence 1, Application US/08568271
Patent No. 5800990
GENERAL INFORMATION:
APPLICANT: RAYNOLDS, MARY V.
TITLE OF INVENTION: ANGIOTENSIN-CONVERTING ENZYME GENETIC
TITLE OF INVENTION: VARIANT SCREENS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: DILWORTH & BARRESE
STREET: 4350 LA JOLLA VILLAGE DRIVE, SUITE 300
CITY: SAN DIEGO
STATE: CALIFORNIA
COUNTRY: U.S.A.
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/568,271
FILING DATE: 06-DEC-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: PEPPER PH.D., FREDERICK W.
REGISTRATION NUMBER: 31,286
REFERENCE/DOCKET NUMBER: 491-7
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4410
TELEFAX: 619-453-2839
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-568-271-1

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2641 CTCGAGCTGCTGTCAGC 2659
DB 2 CTCGCGCTGCTGTGCTGC 20

RESULT 631
US-08-418-859-18/c
Sequence 18, Application US/08418859
Patent No. 5811235
GENERAL INFORMATION:
APPLICANT: Jefferys, Alec J.
TITLE OF INVENTION: METHOD OF
TITLE OF INVENTION: CHARACTERISATION
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cushman, Darby & Cushman
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.2 Mb
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS 3.20
SOFTWARE: ASCII from WPS-PLUS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/418,859
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/935,107
FILING DATE: 26 August 1992
APPLICATION NUMBER: 9118371.5
FILING DATE: 27-Aug-1991
APPLICATION NUMBER: 9119089.2
FILING DATE: 06-Sep-1991
APPLICATION NUMBER: 9124636.3
FILING DATE: 20-No. 5811235-1991
APPLICATION NUMBER: 9207379.0
FILING DATE: 03-Apr-1992
APPLICATION NUMBER: 9212627.5
FILING DATE: 15-Jun-1992
APPLICATION NUMBER: 9212881.8
FILING DATE: 17-Jun-1992
ATTORNEY/AGENT INFORMATION:
NAME: KOKULIS, PAUL N.
REGISTRATION NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 97279/PHM.36520/US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (292) 861-3000
TELEFAX: (202) 822-0944
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 Base Pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-418-859-18

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4841 GTCTGGCTTGGCTGAC 4859
DB 19 GACCTGGCTTGGCTGTC 1

RESULT 632
US-08-594-600-11/c
Sequence 11, Application US/08594600
Patent No. 5814448

GENERAL INFORMATION:
APPLICANT: Silverstein, Saul J.
APPLICANT: Lungu, Octavian
APPLICANT: Wright Jr., Thomas C.
TITLE OF INVENTION: A POLYMERASE CHAIN
TITLE OF INVENTION: REACTION/RESTRICTION FRAGMENT
TITLE OF INVENTION: POLYMORPHISM METHOD FOR THE DETECTION
TITLE OF INVENTION: AND TYPING OF HUMAN PAPILLOMAVIRUSES
TITLE OF INVENTION: AND MYCOBACTERIUM AND FOR THE
TITLE OF INVENTION: DIAGNOSIS OF CONGENITAL ADRENAL
TITLE OF INVENTION: HYPERPLASIA
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham
STREET: 30 Rockefeller Plaza
CITY: New York
STATE: New York
COUNTRY: United States
ZIP: 10112
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/594,600
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 39358-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 977-9550
TELEFAX: (212) 664-0525
TELEX: 422523 COOP UT
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-594-600-11

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1840 CTGGGCGAGTTGCTGGGGA 1858
DB 20 CTGGCGCAGGTGCTGGGGA 2

RESULT 633
US-08-726-575A-5/c
Sequence 5, Application US/08726575A
Patent No. 5834587
GENERAL INFORMATION:
APPLICANT: Winnie Chan, Dert J. Bergsma,
APPLICANT: Catherine E. Ellis
TITLE OF INVENTION: A NO. 5834587el G-Protein Coupled Receptor,
TITLE OF INVENTION: HLTEx11
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road, P.O. Box 1539
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/726,575A
FILING DATE: OCTOBER 8, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: William T. Han
REGISTRATION NUMBER: 34,344
REFERENCE/DOCKET NUMBER: ATG 50025
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610 270 5219
TELEFAX: 610 270 4026
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-726-575A-5

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2863 CCCGCGATGATGCTCTGT 2881
DB 20 CCCGCGATGCGATGCTGT 2

RESULT 634
US-08-117-952-365
Sequence 365, Application US/08117952
Patent No. 5851760
GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
NUMBER OF SEQUENCES: 797
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 365:
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHEITICAL: NO
ANTI-SENSE: NO
US-08-117-952-365

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1781 AGAGCCGAGTCTGAGCT 1799
DB 2 AGAGCCGAGTCTGAGCT 20

RESULT 635
US-08-643-181-18/C
Sequence 18, Application US/08643181
Patent No. 5853989
GENERAL INFORMATION:
APPLICANT: Jefferys, Alec J.
TITLE OF INVENTION: METHOD OF
TITLE OF INVENTION: CHARACTERISATION
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSES: Cushman, Darby & Cushman
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 Inch, 1.2 MB
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS 3.20
SOFTWARE: ASCII from WPS-PLUS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/643,181
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/418,859
FILING DATE:
APPLICATION NUMBER: 07/935,107
FILING DATE: 26 August 1992
APPLICATION NUMBER: 9118371.5
FILING DATE: 27-Aug-1991
APPLICATION NUMBER: 9119089.2
FILING DATE: 06-Sep-1991
APPLICATION NUMBER: 9124636.3
FILING DATE: 20-No. 5853989-1991
APPLICATION NUMBER: 9207379.0
FILING DATE: 03-Apr-1992
APPLICATION NUMBER: 9212627.5
FILING DATE: 15-Jun-1992
APPLICATION NUMBER: 9212881.8
FILING DATE: 17-Jun-1992
ATTORNEY/AGENT INFORMATION:
NAME: KOKUTIS, PAUL N.
REGISTRATION NUMBER: 16, 773
REFERENCE/DOCKET NUMBER: 97279/PRM.36520/US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (292) 861-3000
TELEFAX: (202) 822-0944
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 Base Pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single

TOPOLOGY: linear
US-08-643-181-18

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4841 GTCCTGCTTGGCTGACC 4859
DB 19 GACCTGCTTGGCTGACC 1

RESULT 636
US-08-459-448A-57
Sequence 57, Application US/08459448A
Patent No. 5853336
GENERAL INFORMATION:
APPLICANT: Koziel, Michael G.
APPLICANT: Desai, Nalini M.
APPLICANT: Lewis, Kelly S.
APPLICANT: Kramer, Vance C.
APPLICANT: Warren, Gregory W.
APPLICANT: Evola, Stephen V.
APPLICANT: Crossland, Lyle D.
APPLICANT: Wright, Martha S.
APPLICANT: Merlin, Ellis J.
APPLICANT: Launis, Karen L.
APPLICANT: Rothslein, Steven J.
APPLICANT: Bowman, Cindy G.
APPLICANT: Dawson, John L.
APPLICANT: Dunder, Erik M.
APPLICANT: Pace, Gary M.
APPLICANT: Suttie, Janet L.
TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
TITLE OF INVENTION: INSECTICIDAL ACTIVITY IN MAIZE
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSES: No. 585936artis Corporation
STREET: Patent & Trademark Dept., 520 White Plains
STREET: Rd., POB 2005
CITY: Tarrytown
STATE: New York
COUNTRY: USA
ZIP: 10591-9005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,448A
FILING DATE: 02-JUN-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
PRIOR APPLICATION DATA: US 07/772,027
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Pace, Gary M.
REGISTRATION NUMBER: 40403
REFERENCE/DOCKET NUMBER: CGC 1577/CTP/DIVA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8689
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid

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; DESCRIPTION: /desc = "primer MK25A28"
; HYPOTHETICAL: NO
; US-08-459-448A-57

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACCGAGCCTGACCGAGCT 3111
| | | | | | | | | | | | | | | | | | | | | |
Db 2 AGCTGACCTGACCGAGCT 20

RESULT 637
US-08-910-629A-32
; Sequence 32, Application US/08910629A
; Patent No. 5877309
; GENERAL INFORMATION:
; APPLICANT: Robert A. McKay
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
; MEDIUM TYPE: STORAGE
; COMPUTER: PENTIUM WINDOWS 95
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,629A
; FILING DATE: August 13, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-910-629A-32

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3749 ACGATGACTTCTGGGGCCC 3767
| | | | | | | | | | | | | | | | | | | | | |
Db 2 AGGATGACTTCTGGGGCCC 20

RESULT 638
US-08-767-979-7/c
; Sequence 7, Application US/08767979

; Patent No. 5945283
; GENERAL INFORMATION:
; APPLICANT: Kwok, Pui-Yan
; APPLICANT: Chen, Xiangning
; TITLE OF INVENTION: Method for Nucleic Acid Analysis Using
; TITLE OF INVENTION: Fluorescence Resonance Energy Transfer
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Howell & Haferkamp, L.C.
; STREET: 7733 Forsyth Boulevard, Suite 1400
; CITY: St. Louis
; STATE: MO
; COUNTRY: USA
; ZIP: 63105-1817
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/767,979
; FILING DATE: 17-DEC-1996
; CLASSIFICATION: 455
; ATTORNEY/AGENT INFORMATION:
; NAME: Holland, Donald R
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 96-5219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 314-727-5188
; TELEFAX: 314-727-6092
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: other nucleic acid
; DESCRIPTION: /desc = "Dis8p2; SYNTHETIC PCR
; DESCRIPTION: PRIMER USED W/SEQ ID NO:6 TO GENERATE A 367 BP FRAGMENT
; DESCRIPTION: CONTAINING SEQUENCE TAGGED SITE DIS8,"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-767-979-7

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2555 TAAATGATGAGGGGAGAG 2573
| | | | | | | | | | | | | | | | | | | | | |
Db 20 TAAATGATGAGGGGAGAG 2

RESULT 639
US-08-837-201C-78
; Sequence 78, Application US/08837201C
; Patent No. 5985558
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean, Robert A. McKay, Loren J.
; APPLICANT: Miraglia, Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
```

COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201C
FILING DATE: April 14, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-837-201C-78

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 339 TTTCCTACCACTCCCTC 357
DB 1 TTTCCTACCACTCCCTC 19

RESULT 640
US-08-837-201C-95/c
Sequence 95, Application US/08837201C
Patent No. 598558
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean, Robert A. McKay, Loren J.
APPLICANT: Miraglia, Brenda P. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods for the Modulation of
TITLE OF INVENTION: Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201C
FILING DATE: April 14, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 95:

SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-837-201C-95

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 339 TTTCCTACCACTCCCTC 357
DB 20 TTTCCTACCACTCCCTC 2

RESULT 641
US-08-890-980-56/c
Sequence 56, Application US/08890980
Patent No. 5998141
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESSES:
ADDRESSEE: POLEY, HONG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,980
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-005.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-890-980-56

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1222 TGGGACCGGTGTAGGA 1240
DB 19 TGGGACCGGTGTAGGA 1

RESULT 642
US-08-904-901-113
Sequence 113, Application US/08904901
Patent No. 5998383
GENERAL INFORMATION:
APPLICANT: Wright, Jim A.

APPLICANT: Young, Aiping H.
TITLE OF INVENTION: ANTITUMOR ANTISENSE SEQUENCES DIRECTED
TITLE OF INVENTION: AGAINST RIBONUCLEOTIDE REDUCTASE
NUMBER OF SEQUENCES: 163
CORRESPONDENCE ADDRESSES:
ADDRESSEE: KOHN & ASSOCIATES
STREET: 30500 No. 5998383thwestern Hwy. Suite 410
CITY: Farmington Hills
STATE: Michigan
COUNTRY: US
ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/904,901
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.
REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: 0227, 00004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
ANTI-SENSE: YES
US-08-904-901-113

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4802 TCAGCAGCTGAGATGCA 4820
DB 2 TCAGCAGCAAGATCTA 20

RESULT 643
US-08-707-3998-6
Sequence 6, Application US/087073998
Patent No. 6008014
GENERAL INFORMATION:
APPLICANT: Acton, Susan and Gimeno, Carlos
TITLE OF INVENTION: Lipid Metabolic Pathway Compositions
TITLE OF INVENTION: and Therapeutic and Diagnostic Uses Therefor
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESSES:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/707,3998
FILING DATE: September 4, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MNI-006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-707-3998-6

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3312 GCAGAACACCTGATGAC 3330
DB 2 GAAGAGAACGAGATGAC 20

RESULT 644
US-08-459-595A-57
Sequence 57, Application US/08459595A
Patent No. 6018104
GENERAL INFORMATION:
APPLICANT: Kozieł, Michael G.
APPLICANT: Desai, Nalini M.
APPLICANT: Lewis, Kelly S.
APPLICANT: Kramer, Vance C.
APPLICANT: Warren, Gregory W.
APPLICANT: Evola, Stephen V.
APPLICANT: Crossland, Lytle D.
APPLICANT: Wright, Martha S.
APPLICANT: Merilin, Ellis J.
APPLICANT: Launis, Karen L.
APPLICANT: Rotheisen, Steven J.
APPLICANT: Bowman, Cindy G.
APPLICANT: Dawson, John L.
APPLICANT: Dunder, Erik M.
APPLICANT: Pace, Gary M.
APPLICANT: Suttie, Janet L.
TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
TITLE OF INVENTION: INSECTICIDAL ACTIVITY IN MAIZE
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESSES:
ADDRESSEE: No. 6018104artis Corporation
STREET: Patent & Trademark Dept., 520 White Plains
CITY: Tarrytown
STATE: New York
COUNTRY: USA
ZIP: 10591-9005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,595A
FILING DATE: 02-JUN-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991
ATTORNEY/AGENT INFORMATION:

NAME: Pace, Gary M.
REGISTRATION NUMBER: 40403
REFERENCE/DOCKET NUMBER: CGC 1577/CIF/DIV3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8582
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer MK25A28"
US-08-459-595A-57

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACCGACCTGACCGACT 3131
Db 2 AGCTGACCTGACCGTCT 20

RESULT 645
US-08-890-979-56/c
Sequence 56, Application US/08890979
Patent No. 6030778
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
ATTORNEY/AGENT INFORMATION:
NAME: Ordovae, Jose M.
TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS
TITLE OF INVENTION: DISORDERS
NUMBER OF SEQUENCES: 75
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELLIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,979
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-005.02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-890-979-56

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1222 TGGGACCGGTGTAGGAA 1240
Db 19 TGGGCTGGCGTGTGGGAA 1

RESULT 646
US-09-069-811-8
Sequence 8, Application US/09069811
Patent No. 6068974
GENERAL INFORMATION:
APPLICANT: Klann, Richard C.
TITLE OF INVENTION: A SPECIFIC, HIGHLY SENSITIVE, NESTED PCR
TITLE OF INVENTION: DETECTION SCHEME FOR THE PSEUDORABIES VIRUS
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: W. Murray Spruill (A)eton & Bird, LLP
STREET: 3605 Glenwood Ave. Suite 310
CITY: Raleigh
STATE: NC
COUNTRY: US
ZIP: 27622
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/069,811
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Spruill, W. Murray
REGISTRATION NUMBER: 32,943
REFERENCE/DOCKET NUMBER: 5626-16
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919 881 3175
TELEFAX: 919 420 2202
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Synthetic oligonucleotide"
US-09-069-811-8

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2325 CTCGACCTTTTGAAGATG 2343
Db 1 CTCGACCTCTCGACGATG 19

RESULT 647
US-08-459-504B-57
Sequence 57, Application US/08459504B
Patent No. 6075185
GENERAL INFORMATION:
APPLICANT: Koziel, Michael G.
APPLICANT: Deest, Nalin M.
APPLICANT: Lewis, Kelly S.
APPLICANT: Kramer, Vance C.
APPLICANT: Warren, Gregory W.
APPLICANT: Ewola, Stephen V.
APPLICANT: Crossland, Lyle D.
APPLICANT: Wright, Martha S.
APPLICANT: Merlin, Ellis J.
APPLICANT: Launis, Karen L.
APPLICANT: Rothstein, Steven J.
APPLICANT: Bowman, Cindy G.

APPLICANT: Dawson, John L.
APPLICANT: Dunder, Erik M.
APPLICANT: Pace, Gary M.
APPLICANT: Suttie, Janet L.
TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
TITLE OF INVENTION: INSECTICIDAL ACTIVITY IN MAIZE
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6075185artis Corporation
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
STATE: NC
COUNTRY: USA
ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,504B
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/459,595
FILING DATE: 02-JUN-1995
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: CGC1577/CIP/DIV
TELEPHONE: (919)541-8587
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer MK25A28"
HYPOTHEICAL: NO
US-08-459-504B-57

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACCGAGCCCTGACCGAGCT 3131
DB 2 AGCTGACCTGACCGTCT 20

RESULT 648
US-08-478-087-13/c
Sequence 13, Application US/08478087
Patent No. 6077685
GENERAL INFORMATION:
APPLICANT: Trofatter, James A.
APPLICANT: MacCollin, Mia M.
APPLICANT: Gueella, James F.
TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
TITLE OF INVENTION: Theotof
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, N.W., Suite 600
CITY: Washington

STATE: D. C.
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,087
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/171,718
FILING DATE: 22-DEC-1993
APPLICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/026,063
FILING DATE: 04-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 0609.3850003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-478-087-13

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTGGCCAGGCGAGTGAAG 1567
DB 20 CAGGCCAGGAGGAGGAGG 2

RESULT 649
US-09-166-186-139
Sequence 139, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 139
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-139

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 60 TGGGTCGAAAGCCATT 78
Db 2 TGAATTGGAAGCCATT 20

RESULT 650

US-09-249-730-113
; Sequence 113, Application US/09249730
; Patent No. 6121000
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiding H.
; TITLE OF INVENTION: Anticancer Antisense Sequences Directed Against R1 and
; FILE REFERENCE: 032396-060
; CURRENT APPLICATION NUMBER: US/09/249,730
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-249-730-113

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4802 TCAGCAGCTGAGTATCA 4820
Db 2 TCAGCAGCCAAAGTATCTA 20

RESULT 651

US-08-459-444-57
; Sequence 57, Application US/08459444A
; Patent No. 6121014
; GENERAL INFORMATION:
; APPLICANT: Koziel, Michael G.
; Desai, Nalini M.
; Lewis, Kelly S.
; Kramer, Vance C.
; Warren, Gregory W.
; Ewola, Stephen V.
; Crossland, Lyle D.
; Wright, Martha S.
; Merlin, Ellis J.
; Launis, Karen L.

TITLE OF INVENTION: METHOD FOR PRODUCING A PLANT-OPTIMIZED
NUCLEIC ACID CODING SEQUENCE

NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6121014artis Agribusiness Biotechnology Research, Inc.
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
STATE: NC

COUNTRY: USA
ZIP: 27709

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,444A

FILING DATE: 02-Jun-1995

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/951,715

FILING DATE: 25-SEP-1992

APPLICATION NUMBER: US 07/772,027

FILING DATE: 04-OCT-1991

ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-18805/P1/CGC1577/CIF/DIV6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8587
TELEFAX: (919)541-8689

INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer MK25A28"

HYPOTHEICAL: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-08-459-444-57

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACCGAGCCTGACCGACT 3131
Db 2 AGCTGACCTGACCGTCT 20

RESULT 652

US-09-032-894-56/c
; Sequence 56, Application US/09032894
; Patent No. 6130041

GENERAL INFORMATION:

APPLICANT: Acton, Susan L.

TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR

FILE REFERENCE: MIA-005.03

CURRENT APPLICATION NUMBER: US/09/032,894

EARLIER FILING DATE: 1998-02-27

EARLIER APPLICATION NUMBER: 08/890,980

NUMBER OF SEQ ID NOS: 121

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 56

LENGTH: 20

TYPE: DNA

ORGANISM: Human

US-09-032-894-56

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1222 TGGGCTGGGTGGTAGGA 1240
Db 19 TGGGCTGGGTGGTAGGA 1

RESULT 653

US-09-287-796-32

; Sequence 32, Application US/09287796A

; Patent No. 6133246

GENERAL INFORMATION:

APPLICANT: McKay, Robert A.

APPLICANT: Dean, Nicholas W.

APPLICANT: Monla, Brett

APPLICANT: Nero, Pam

APPLICANT: Gaarde, William A.

TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS

FILE REFERENCE: ISPH-0350

CURRENT APPLICATION NUMBER: US/09/287,796A

EARLIER APPLICATION NUMBER: 09/130,616

EARLIER FILING DATE: 1998-08-07
EARLIER APPLICATION NUMBER: 08/910,629
EARLIER FILING DATE: 1997-08-03
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-287-796-32

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3749 AGCATGACTCTCGGGGCC 3767
DB 2 AGATGACTCTCGGGGCC 20

RESULT 654
US-08-961-810-64
Sequence 64, Application US/08961810
Patent No. 6165713

GENERAL INFORMATION:
APPLICANT: Liskay, Robert M.
APPLICANT: Bronner, C. Eric
APPLICANT: Baker, Sean M.
APPLICANT: Bollag, Roni J.
APPLICANT: Kolodner, Richard D.
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING TO DNA
TITLE OF INVENTION: MISMATCH REPAIR GENES
NUMBER OF SEQUENCES: 134
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack &
ADDRESSEE: Heuser
STREET: 520 S.W. Yamhill Street, Suite 200
CITY: Portland
STATE: Oregon
COUNTRY: U.S.A.
ZIP: 97204

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,810
FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Van Rysselberghe, Pierre C.
REGISTRATION NUMBER: 33,557
REFERENCE/DOCKET NUMBER: OHSU 306B

TELECOMMUNICATION INFORMATION:
TELEPHONE: (503) 224-6655
TELEFAX: (503) 295-6679
TELEX: 360619

INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

FEATURE:
NAME/KEY: misc_feature
LOCATION: 1

OTHER INFORMATION: /note="primers directed to genomic
OTHER INFORMATION: intron DNA"
US-08-961-810-64

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 335 GGCTTTCTTACCACTCCC 353
DB 2 GGCTTTCTTCTCCCTCCC 20

RESULT 655
US-09-428-696-24/c
Sequence 24, Application US/09428696
Patent No. 6165789

GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF HNRNP A1 EXPRESSION
FILE REFERENCE: RTS-0111
CURRENT APPLICATION NUMBER: US/09/428,696
CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-696-24

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4663 CAGATCGAGAGCTGTCA 4681
DB 20 CAGCTGAGGAGCTCTTCA 2

RESULT 656
US-09-428-696-46
Sequence 46, Application US/09428696
Patent No. 6165789

GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF HNRNP A1 EXPRESSION
FILE REFERENCE: RTS-0111
CURRENT APPLICATION NUMBER: US/09/428,696
CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 46
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-696-46

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2149 ACTTCCAGACCAACCA 2167
DB 2 ACCTCCAGACCAACCA 20

RESULT 657

US-09-435-296-79/c
Sequence 79, Application US/09435296
Patent No. 6171860
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsett

TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
FILE REFERENCE: RTS-0116
CURRENT APPLICATION NUMBER: US/09/435,296
CURRENT FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 79
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-435-296-79

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3598 CAGGCTATCTCAACTCC 3616
Db 19 CAGCTGTCTCAACTCC 1

RESULT 658
US-09-295-026-7/c
Sequence 7, Application US/09295026
Patent No. 6177249
GENERAL INFORMATION:
APPLICANT: Kwok, Pui-Yan
Chen, Xiangning
TITLE OF INVENTION: Method for Nucleic Acid Analysis Using
Fluorescence Resonance Energy Transfer
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Howell & Haferkamp, L.C.
STREET: 7733 Foreyth Boulevard, Suite 1400
CITY: St. Louis
STATE: MO
COUNTRY: USA
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/295,026
FILING DATE: 20-Apr-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/767,979
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Holland, Donald R
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 96-5219
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-727-5188
TELEFAX: 314-727-6092
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "D188p2; SYNTHETIC PCR
HYPOHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-295-026-7

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2555 TAAGTATGAGGGGAGAG 2573
Db 20 TAAGTATGAGGGGAGAG 2

RESULT 659
US-09-490-692-51/c
Sequence 51, Application US/09490692
Patent No. 6180353
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
FILE REFERENCE: RTS-0120
CURRENT APPLICATION NUMBER: US/09/490,692
CURRENT FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 51
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-51

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 935 GACAGCTGCTGACACATC 953
Db 20 GACAGCTGCTGACACATC 2

RESULT 660
US-08-766-528-71
Sequence 71, Application US/08766528
Patent No. 6190861
GENERAL INFORMATION:
APPLICANT: Jay A. Fishman
TITLE OF INVENTION: MOLECULAR SEQUENCE OF SWINE RETROVIRUS
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 60 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,528
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/572,645
FILING DATE: 14-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Louis Myers
REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: MGP-038CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-766-528-71

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3559 CAGAGCTCGGATCAGAGA 3577
DB 1 CAGAGCTCGGATCAGAGA 19

RESULT 661
US-08-352-902D-64
Sequence 64, Application US/08352902D
Patent No. 6191268

GENERAL INFORMATION:
APPLICANT: Liskay, Robert M.
Bromner, C. Eric

Bollag, Roni J.
Kolodner, Richard D.

TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING TO DNA
MISMATCH REPAIR GENES

NUMBER OF SEQUENCES: 149
CORRESPONDENCE ADDRESS:

ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack &

Heuser
STREET: 520 S.W. Yamhill Street, Suite 200

CITY: Portland
STATE: Oregon

COUNTRY: U.S.A.
ZIP: 97204

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/352,902D
FILING DATE: 09-Dec-1994

CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:

NAME: Van Rysselberghe, Pierre C.
REGISTRATION NUMBER: 33,557

REFERENCE/DOCKET NUMBER: OHSU 306B
TELECOMMUNICATION INFORMATION:

TELEPHONE: (503) 224-6655
TELEFAX: (503) 295-6679

TELEX: 360619
INFORMATION FOR SEQ ID NO: 64:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
FEATURE:

NAME/KEY: misc_feature
LOCATION: 1

OTHER INFORMATION: /note= "primers directed to genomic
intron DNA"

SEQUENCE DESCRIPTION: SEQ ID NO: 64:
US-08-352-902D-64

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 335 GGGCTTTCTCAGACTGCC 353
||||||| ||| |||||

DB 2 GGGCTTTCTCAGACTGCC 20

RESULT 662
US-09-226-012-30
Sequence 30, Application US/09226012

Patent No. 6207383
GENERAL INFORMATION:

APPLICANT: Keating, Mark T.
APPLICANT: Splawski, Igor

TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
FILE REFERENCE: 2323-136

CURRENT APPLICATION NUMBER: US/09/226,012
CURRENT FILING DATE: 1999-01-06

EARLIER APPLICATION NUMBER: 09/122,847
EARLIER FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 116
SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 30
LENGTH: 20

TYPE: DNA
ORGANISM: Homo sapiens

US-09-226-012-30

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1512 CACTGCGAGGGGCTGCT 1530
DB 1 CACTGCGAGGGGCTGCT 19

RESULT 663
US-08-482-918-32/C
Sequence 32, Application US/08482918

Patent No. 6207417
GENERAL INFORMATION:

APPLICANT: Zeebo, Kristina M.
APPLICANT: Boeselman, Robert A.

APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.

TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104

CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago

STATE: Illinois
COUNTRY: United States of America

ZIP: 60606-6402
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,918

FILING DATE: 07-JUN-1995
CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.

REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/33005

TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300

TELEFAX: 312/474-0448
TELEX: 25-3856

INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-482-918-32

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAAGAAAAATGAA 5420
DB 19 CAAAAAAGAAAAA 1

RESULT 664
US-08-482-918-33/c
Sequence 33, Application US/08482918
Patent No. 6207417
GENERAL INFORMATION:
APPLICANT: Zsebo, Krizztina M.
APPLICANT: Bosseiman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,918
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/33005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ. ID NO.: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-482-918-33

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATCAAAAAAGA 5410
DB 19 TAAAAAAGAAAAA 1

RESULT 665
US-09-224-681-32/c
Sequence 32, Application US/09224681
Patent No. 6207454
GENERAL INFORMATION:
APPLICANT: Zsebo, Krizztina M.

APPLICANT: Bosseiman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
Transfer with Stem Cell Factor (SCF) Polypeptide
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/224,681
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/449,653
FILING DATE: 24-MAY-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35199
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX:
INFORMATION FOR SEQ. ID NO.: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-224-681-32

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAAGAAAAATGAA 5420
DB 19 CAAAAAAGAAAAA 1

RESULT 666
US-09-224-681-33/c

```
; Sequence 33, Application US/09224681
; Patent No. 6207454
; GENERAL INFORMATION:
; APPLICANT: Zeebo, Krisztina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
; TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/224,681
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/005,893
; FILING DATE: 12-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/449,653
; FILING DATE: 24-MAY-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/35199
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX:
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-224-681-33

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
RESULT 667
US-08-336-728A-32/C
; Sequence 32, Application US/08336728A
; Patent No. 6207802
; GENERAL INFORMATION:
; APPLICANT: Zeebo, Krisztina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/336,728A
; FILING DATE: 09-NOV-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/32956
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-336-728A-32

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 5392 TAAAAAATGCAAAAAGA 5410
DB 19 TAAAAAATGCAAAAAGA 1

RESULT 668
US-08-336-728A-33/C
; Sequence 33, Application US/08336728A
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; Patent No. 6207802
; GENERAL INFORMATION:
; APPLICANT: Zeebo, Kristina M.
; APPLICANT: Bosseleman, Robert A.
; APPLICANT: Sussan, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/336,728A
; FILING DATE: 09-NOV-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/32956
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: DNA
; US-08-336-728A-33

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5392 TAAATAATCAAAAGAGA 5410
DB 19 TAAATAATCAAAAGAGA 1

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; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/35006
; CURRENT APPLICATION NUMBER: US/09/244,794A
; CURRENT FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: 1997-01-27
; PRIOR APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA splint
; US-09-244-794A-31

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5397 AAATACAAAAGAAAAA 5415
DB 19 AAATACAAAAGAAAAA 1

RESULT 670
US-09-130-616-32
; Sequence 32, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monla, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0318
; CURRENT APPLICATION NUMBER: US/09/130,616C
; CURRENT FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
; US-09-130-616-32

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3749 ACGATGACTCTGCGGCC 3767
DB 2 ACGATGACTCTGCGGCC 20

RESULT 671
US-09-031-626-56/c
; Sequence 56, Application US/09031626
; Patent No. 6226581
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; APPLICANT: Ordovas, Jose M.
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND

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/ TITLE OF INVENTION: CARDIOVASCULAR DISORDERS
/ FILE REFERENCE: MIA-005.04
/ CURRENT APPLICATION NUMBER: US/09/031,626
/ CURRENT FILING DATE: 1998-02-27
/ EARLIER APPLICATION NUMBER: 08/890,979
/ EARLIER FILING DATE: 1997-07-10
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 56
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Human
US-09-031-626-56

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1222 TGGCGACGGGTGTAGGAA 1240
DB      19  TGGGCTGGGGTGTGGGAA 1

RESULT 672
US-09-313-932-139
/ Sequence 139, Application US/09313932A
/ Patent No. 6228642
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Brenda
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Butler, Madeline W.
/ APPLICANT: Shanahan, William R.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
/ FILE REFERENCE: ISPH-0356
/ CURRENT APPLICATION NUMBER: US/09/313,932A
/ CURRENT FILING DATE: 1999-05-18
/ NUMBER OF SEQ ID NOS: 501
/ SEQ ID NO 139
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-313-932-139

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      60  TGGGTTCTGAAGCCCATTT 78
DB      2  TGAATTCGGAAGCCCATTT 20

RESULT 673
US-09-560-594-42
/ Sequence 42, Application US/09560594
/ Patent No. 6242590
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF ZINC FINGER PROTEIN-217 EXPRESSION
/ FILE REFERENCE: RTS-0144
/ CURRENT APPLICATION NUMBER: US/09/560,594
/ CURRENT FILING DATE: 2000-04-28
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 42
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-560-594-42
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2325 CTCACCTCTTGAAGATG 2343
DB      1  CTACACTCTTGAAGATG 19

RESULT 674
US-09-007-005-31/C
/ Sequence 31, Application US/09007005B
/ Patent No. 6258558
/ GENERAL INFORMATION:
/ APPLICANT: Szostak, Jack W.
/ APPLICANT: Roberts, Richard W.
/ APPLICANT: Idu, Rife
/ TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
/ FILE REFERENCE: FUSIONS
/ CURRENT APPLICATION NUMBER: US/09/007,005B
/ CURRENT FILING DATE: 1998-01-14
/ EARLIER APPLICATION NUMBER: 60/035,963
/ EARLIER FILING DATE: 1997-01-27
/ EARLIER APPLICATION NUMBER: 60/064,491
/ EARLIER FILING DATE: 1997-11-06
/ NUMBER OF SEQ ID NOS: 33
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 31
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: DNA splint
US-09-007-005-31

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5397 AATACAAAAGAAAAA 5415
DB      19  AATACCACAAAAAAA 1

RESULT 675
US-09-377-309-84/C
/ Sequence 84, Application US/09377309B
/ Patent No. 6258790
/ GENERAL INFORMATION:
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Condon, Tom P.
/ APPLICANT: Cowsett, Lex M.
/ TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
/ FILE REFERENCE: ISPH-0390
/ CURRENT APPLICATION NUMBER: US/09/377,309B
/ CURRENT FILING DATE: 1999-08-19
/ EARLIER APPLICATION NUMBER: 09/166,203
/ EARLIER FILING DATE: 1998-10-05
/ NUMBER OF SEQ ID NOS: 99
/ SEQ ID NO 84
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: antisense sequence
US-09-377-309-84

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 4958 ATTATGTCACGACG 4976
|||||
Db 19 ATTATGTCACGACG 1

RESULT 676
US-09-247-190-31/c
; Sequence 31, Application US/09247190
; Patent No. 6261804
; GENERAL INFORMATION:
; APPLICANT: Szoostak, Jack W.
; APPLICANT: Robertes, Richard W.
; APPLICANT: Liu, Rihue
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: FUSIONS
; FILE REFERENCE: 00786/350005
; CURRENT APPLICATION NUMBER: US/09/247,190
; CURRENT FILING DATE: 1999-02-09
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-21
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA eplint
US-09-247-190-31

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5397 AATATCAAAAAGAAAA 5415
|||||
Db 19 AATATCAAAAAGAAAA 1

RESULT 677
US-09-487-368A-120
; Sequence 120, Application US/09487368A
; Patent No. 6261840
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: RTS-0093
; CURRENT APPLICATION NUMBER: US/09/487,368A
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 240
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-120

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 196 TGCCCAACCCCATCTCC 214
|||||
Db 1 TGCTCCACACCATCTCC 19

RESULT 678

US-09-487-368A-121
; Sequence 121, Application US/09487368A
; Patent No. 6261840
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: RTS-0093
; CURRENT APPLICATION NUMBER: US/09/487,368A
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 240
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-121

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 196 TGCCCAACCCCATCTCC 214
|||||
Db 2 TGCTCCACACCATCTCC 20

RESULT 679
US-09-489-869-27
; Sequence 27, Application US/09489869A
; Patent No. 626151
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Lex M. Cowseert
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
; FILE REFERENCE: RTS-0110
; CURRENT APPLICATION NUMBER: US/09/489,869A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-869-27

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3921 CCAGTCTGCGTGAGATC 3939
|||||
Db 1 CCAGTCTGCGTGAGATC 19

RESULT 680
US-09-543-106-8
; Sequence 8, Application US/09543106
; Patent No. 6270977
; GENERAL INFORMATION:
; APPLICANT: Klam, Richard C.
; APPLICANT: Klam, Richard C.
; TITLE OF INVENTION: A SPECIFIC, HIGHLY SENSITIVE, NESTED PCR
; DETECTION SCHEME FOR THE PSEUDORABIES VIRUS

NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: W. Murray Sprull (Alston & Bird, LLP)
STREET: 3605 Glenwood Ave. Suite 310
CITY: Raleigh
STATE: NC
COUNTRY: US

```

;
; ZIP: 27622
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/543,106
; FILING DATE: 05-Apr-2000
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/069,811
; FILING DATE: <Unknown>
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Spruill, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: 5626-16
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919 420 2202
; TELEFAX: 919 881 3175
;
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Synthetic oligonucleotide"
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-543-106-8

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Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      2325 CTCGACCTTTTGAGATG 2343
Db      1 CTCGACCTCTCGACGATG 19

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RESULT 681
US-09-244-796-31/C
; Sequence 31, Application US/09244796
; Patent No. 6281344
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihc
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350007
; CURRENT APPLICATION NUMBER: US/09/244,796
; EARLIER FILING DATE: 1999-02-05
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA splint
US-09-244-796-31

```

```

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      5397 AATACAAAAAGAAAAA 5415
Db      19 AATACCAAAAAA 1

```

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RESULT 682
US-08-803-346-47/C
; Sequence 47, Application US/08803346
; Patent No. 6281346
; GENERAL INFORMATION:
; APPLICANT: HESS, JOHN W.
; APPLICANT: CASKEY, C. THOMAS
; APPLICANT: LIU, QINGYUN
; APPLICANT: PHILLIPS, MICHAEL SEAN
; TITLE OF INVENTION: RAT OB RECEPTORS AND NUCLEOTIDES
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSE - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: USA
; ZIP: 07065
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/803,346
; FILING DATE: 20-FEB-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSE, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19642Y
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 732-594-3046
; TELEFAX: 732-594-4720
;
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-803-346-47

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```

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      3509 AGGGCTGATACGGGAGA 3527
Db      20 AGGGCTGAATCTGGAGA 2

```

```

RESULT 683
US-09-484-617-159
; Sequence 159, Application US/09484617
; Patent No. 6303374
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/484,617
; CURRENT FILING DATE: 2000-01-18

```



```
/ NUMBER OF SEQ ID NOS: 176
/ SEQ ID NO 159
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-159

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1830 GGATGCACTGCTGGCAGT 1848
Db      2 GGCTGCTTCTCTAGCAGT 20

RESULT 684
US-08-890-865A-5
/ Sequence 5, Application US/08890865A
/ Patent No. 6307019
/ GENERAL INFORMATION:
/ APPLICANT: Constantini, Franklin
/ APPLICANT: Zeng, Li
/ TITLE OF INVENTION: AXIN GENE AND USES THEREOF
/ NUMBER OF SEQUENCES: 23
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Cooper & Dunham LLP
/ STREET: 1185 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: US
/ ZIP: 10036
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/890,865A
/ FILING DATE: 10-JUL-1997
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: White, John P
/ REGISTRATION NUMBER: 28,678
/ REFERENCE/DOCKET NUMBER: 0575/54249
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212)278-0400
/ TELEFAX: (212)391-0526
/ INFORMATION FOR SEQ ID NO: 5:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
US-08-890-865A-5

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2569 GAGAGAGAGTGAACA 2587
Db      1 GAGGAGAGAGAGATCA 19

RESULT 685
US-09-364-416-78
/ Sequence 78, Application US/09364416
/ Patent No. 6312900
/ GENERAL INFORMATION:
/ APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
/ APPLICANT: Miraglia, Brenda F. Baker
/ TITLE OF INVENTION: Antisense Oligonucleotide
/ TITLE OF INVENTION: Compositions and Methods for the Modulation of
/ TITLE OF INVENTION: Activating Protein 1
/ NUMBER OF SEQUENCES: 139
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: USA
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
/ COMPUTER: IBM PS/2
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.1

/ APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
/ APPLICANT: Miraglia, Brenda F. Baker
/ TITLE OF INVENTION: Antisense Oligonucleotide
/ TITLE OF INVENTION: Compositions and Methods for the Modulation of
/ TITLE OF INVENTION: Activating Protein 1
/ NUMBER OF SEQUENCES: 139
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: USA
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
/ COMPUTER: IBM PS/2
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.1

QY      339 TTTCCTACCACTCCCTC 357
Db      1 TTTCCTCCACTGCCCTC 19

RESULT 686
US-09-364-416-95/c
/ Sequence 95, Application US/09364416
/ Patent No. 6312900
/ GENERAL INFORMATION:
/ APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
/ APPLICANT: Miraglia, Brenda F. Baker
/ TITLE OF INVENTION: Antisense Oligonucleotide
/ TITLE OF INVENTION: Compositions and Methods for the Modulation of
/ TITLE OF INVENTION: Activating Protein 1
/ NUMBER OF SEQUENCES: 139
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: USA
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
/ COMPUTER: IBM PS/2
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.1

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

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/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/364,416
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/837,201
/ FILING DATE: April 14, 1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jane Massey Licata
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0209
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (609) 810-1515
/ TELEFAX: (609) 810-1454
/ INFORMATION FOR SEQ ID NO: 95:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-364-416-95

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      339 TTTCCTACGACGCCCTC 357
DB      20 TTTCCTACGACGCCCTC 2

RESULT 687
US-09-326-186B-216/c
/ Sequence 216, Application US/09326186B
/ Patent No. 6319906
/ GENERAL INFORMATION:
/ APPLICANT: Bennett, Clarence Frank
/ APPLICANT: Vickers, Timothy A.
/ TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
/ TITLE OF INVENTION: Modulation of the Expression of B7 Protein
/ FILE REFERENCE: ISPH-0376
/ CURRENT APPLICATION NUMBER: US/09/326,186B
/ CURRENT FILING DATE: 1999-06-04
/ PRIOR APPLICATION NUMBER: 08/777,266
/ PRIOR FILING DATE: 1996-12-31
/ NUMBER OF SEQ ID NOS: 226
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 216
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
/ US-09-326-186B-216

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      794 GCCACTCTCCCTCATTTCC 812
DB      19 GCCTCTCTCTTTCATTTCC 1

RESULT 688
US-09-547-422-57
/ Sequence 57, Application US/09547422
/ Patent No. 6320100
/ GENERAL INFORMATION:
/ APPLICANT: Kozziel, Michael G.
/ APPLICANT: Desai, Nalini M.
/ APPLICANT: Lewis, Kelly S.
```

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/ Kramer, Vance C.
/ Warren, Gregory W.
/ Evola, Stephen V.
/ Crossland, Lyle D.
/ Wright, Martha S.
/ Merlin, Ellis J.
/ Launis, Karen L.
/ TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
/ INSECTICIDAL ACTIVITY IN MAIZE
/ NUMBER OF SEQUENCES: 94
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: No. 6320100artis Agribusiness Biotechnology Research, Inc.
/ STREET: 3054 Cornwallis Road
/ CITY: Research Triangle Park
/ STATE: NC
/ COUNTRY: USA
/ ZIP: 27709
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/547,422
/ FILING DATE: 11-Apr-2000
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/459,595
/ FILING DATE: 02-JUN-1995
/ APPLICATION NUMBER: US 07/951,715
/ FILING DATE: 25-SEP-1992
/ APPLICATION NUMBER: US 07/772,027
/ FILING DATE: 04-OCT-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Meigs, J. Timothy
/ REGISTRATION NUMBER: 38,241
/ REFERENCE/DOCKET NUMBER: S-18805H
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (919)541-8587
/ TELEFAX: (919)541-8689
/ INFORMATION FOR SEQ ID NO: 57:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "primer MK25A28"
/ HYPOTHETICAL: NO
/ SEQUENCE DESCRIPTION: SEQ ID NO: 57:
/ US-09-547-422-57

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3113 ACCAGACCTGACCGAGCT 3131
DB      2 AGCTGACCTGACCGTCT 20

RESULT 689
US-09-651-011A-23/c
/ Sequence 23, Application US/09651011A
/ Patent No. 6346416
/ GENERAL INFORMATION:
/ APPLICANT: Nicholas M. Dean
/ APPLICANT: Lex M. Cowseart
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HPK/GCK-LIKE KINASE EXPRESSION
/ FILE REFERENCE: RTS-0168
/ CURRENT APPLICATION NUMBER: US/09/651,011A
/ CURRENT FILING DATE: 2000-08-29
/ NUMBER OF SEQ ID NOS: 49
```

SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-651-011A-23

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5123 GCAAGAGAGATAGAGAG 5141
Db 20 GCAAGAGAGAGAGAG 2

RESULT 690
US-09-702-251-55/c
Sequence 55, Application US/09702251
Patent No. 6372492
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
FILE REFERENCE: RTS-0199
CURRENT APPLICATION NUMBER: US/09/702,251
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-251-55

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3979 GACATCAAGCTGACCTG 3997
Db 20 GCCATCAAGCTGATGCTG 2

RESULT 691
US-09-732-199A-33
Sequence 33, Application US/09732199A
Patent No. 6379960
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 2, P4
FILE REFERENCE: RTS-0214
CURRENT APPLICATION NUMBER: US/09/732,199A
CURRENT FILING DATE: 2000-12-06
NUMBER OF SEQ ID NOS: 57
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-732-199A-33

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4151 CCAGCTCTCCCTTGGG 4169
|||||

Db 2 CCAGCTGTCCCATGGG 20

RESULT 692
US-09-702-246-48
Sequence 48, Application US/09702246
Patent No. 6383809
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF CTTHESIN-1 EXPRESSION
FILE REFERENCE: RTS-0195
CURRENT APPLICATION NUMBER: US/09/702,246
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-246-48

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3759 CTGGGCCCCCAGGGGCT 3777
Db 1 CTGAGGCTCCACCTGGGCT 19

RESULT 693
US-09-702-246-61
Sequence 61, Application US/09702246
Patent No. 6383809
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF CTTHESIN-1 EXPRESSION
FILE REFERENCE: RTS-0195
CURRENT APPLICATION NUMBER: US/09/702,246
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 61
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-246-61

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4767 CTGGAGAGCGCAGCAA 4785
Db 2 CTGAGAGAGCGCAGCAA 20

RESULT 694
US-09-851-520-88
Sequence 88, Application US/09851520
Patent No. 6393379
GENERAL INFORMATION:
APPLICANT: Susan F. Baker
APPLICANT: Brenda F. Preker
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P35 SUBUNIT EXPRESSION
FILE REFERENCE: RTS-0241
CURRENT APPLICATION NUMBER: US/09/851,520
CURRENT FILING DATE: 2001-05-07
NUMBER OF SEQ ID NOS: 88

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; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-520-88

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4602 TGGACAGTGTCTGAGCCG 4620
DB 2 TGGACACATGCTGAGCCG 20

RESULT 695
US-09-851-896-86/c
; Sequence 86, Application US/09851896
; Patent No. 6410325
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDENT)
; FILE REFERENCE: RTS-0220
; CURRENT APPLICATION NUMBER: US/09/851,896
; CURRENT FILING DATE: 2001-05-08
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-896-86

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 147 CCAGACCCGAGAGGGA 165
DB 20 CCAGCCGCGAGAGTGGA 2

RESULT 696
US-09-506-073-81/c
; Sequence 81, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
; APPLICANT: Monica Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 81
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-81

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 663 GACAGTGCATGAGGTG 681
DB 19 GCGAAGTGCATGAGATG 1

RESULT 697
US-09-657-452A-114
; Sequence 114, Application US/09657452A
; Patent No. 6426188
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
; FILE REFERENCE: RTS-0125
; CURRENT APPLICATION NUMBER: US/09/657,452A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 114
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-452A-114

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1739 TCTTCATCTCGATGNGT 1757
DB 1 TCTTCATCCAGCATGNGT 19

RESULT 698
US-09-792-594-35
; Sequence 35, Application US/09792594
; Patent No. 6436706
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RECOL4 EXPRESSION
; FILE REFERENCE: RTS-0209
; CURRENT APPLICATION NUMBER: US/09/792,594
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-792-594-35

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4101 CCTGAGAGCCAGCCAGG 4119
DB 1 CGTGAAGATCCAGACAGG 19
```

```
RESULT 699
US-09-661-753-15
; Sequence 15, Application US/09661753
; Patent No. 6436909
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan F. Murray
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
; FILE REFERENCE: ISPH-0498
; CURRENT APPLICATION NUMBER: US/09/661,753
; CURRENT FILING DATE: 2000-09-14
; EARLIER APPLICATION NUMBER: 60/154,546
; EARLIER FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-661-753-15

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3473 TCACGACGCGAAGCAAG 3491
DB      2 TCAGCAGCGGTTCACGAG 20

RESULT 700
US-09-907-843-61/c
; Sequence 61, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: Susan M. Preter
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
; FILE REFERENCE: RTS-0279
; CURRENT APPLICATION NUMBER: US/09/907,843
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-61

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4965 GTCATGCCAGGATGCCA 4983
DB      19 GGCATGCCATGCTGCCA 1

RESULT 701
US-09-676-610B-142
; Sequence 142, Application US/09676610B
; Patent No. 644465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyer
; APPLICANT: Susan M. Preter
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,610B
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
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; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-142

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4792 CTCCTGCCACTCAGCACT 4810
DB      2 CTCCTGCCACCCAGCACT 20

RESULT 702
US-09-791-211-56/c
; Sequence 56, Application US/09791211
; Patent No. 6448080
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF WRN EXPRESSION
; FILE REFERENCE: RTS-0205
; CURRENT APPLICATION NUMBER: US/09/791,211
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-211-56

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3698 GAGATGAATTCGTGTGT 3916
DB      19 GAGATGAATTCAGTGTGT 1

RESULT 703
US-08-275-951-27/c
; Sequence 27, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egnolm, Michael
; APPLICANT: Kiely, John
; APPLICANT: Griffen, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Nielsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Lell
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS1577
; CURRENT APPLICATION NUMBER: US/08/275,951
; CURRENT FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 08/088,658
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/088,661
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-22
```

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; PRIOR APPLICATION NUMBER: 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1991-04-15
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
; OTHER INFORMATION: Hexanoic Acid, Lysine Linkage
US-08-275-951-27

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1190 AGAGAGAAATCAGAGAA 1208
Db      19 AGAGAGAGAAAGAGAGAA 1

RESULT 704
US-08-275-951-28/c
; Sequence 28, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kieley, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Nielsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Christensen, Leif
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS1577
; CURRENT APPLICATION NUMBER: US/08/275,951
; CURRENT FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 08/088,658
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/088,661
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-22
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1991-04-15
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Lysine, Amino C1s-hexenoic Acid, Lysine, Amino
; OTHER INFORMATION: C1s-hexenoic Acid, Lysine Linkage
US-08-275-951-28

Query Match      0.3%; Score 14.2; DB 1; Length 20;

```

```

Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1190 AGAGAGAAATCAGAGAA 1208
Db      19 AGAGAGAGAAAGAGAGAA 1

RESULT 705
US-08-275-951-29/c
; Sequence 29, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kieley, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Nielsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Christensen, Leif
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS1577
; CURRENT APPLICATION NUMBER: US/08/275,951
; CURRENT FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 08/088,658
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/088,661
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-22
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1991-04-15
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Lysine, Amino Hexynoic Acid, Lysine, Amino
; OTHER INFORMATION: Hexynoic Acid, Lysine Linkage
US-08-275-951-29

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1190 AGAGAGAAATCAGAGAA 1208
Db      19 AGAGAGAGAAAGAGAGAA 1

RESULT 706
US-08-275-951-30/c
; Sequence 30, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kieley, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Nielsen, Peter
; APPLICANT: Buchardt, Ole

```

APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS1577
CURRENT APPLICATION NUMBER: US/08/275,951
PRIOR FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR APPLICATION NUMBER: 08/088,658
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/088,661
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: PCT/EP92/01219
PRIOR FILING DATE: 1992-05-22
PRIOR APPLICATION NUMBER: 986/91
PRIOR FILING DATE: 1991-05-22
PRIOR APPLICATION NUMBER: 987/91
PRIOR FILING DATE: 1991-05-24
PRIOR APPLICATION NUMBER: 510/92
PRIOR FILING DATE: 1991-04-15
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
NAME/KEY: misc_feature
LOCATION: (10)-(11)
OTHER INFORMATION: Lysine, Meta-Amino Benzoic Acid, Lysine,
OTHER INFORMATION: Meta-Amino Benzoic Acid, Lysine Linkage
US-08-275-951-30

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1190 AGAGAGAAATCGAGAA 1208
DB 19 AGAGAGAAAGAGAGAGA 1

RESULT 707
US-08-275-951-63/C
Sequence 63, Application US/08275951
GENERAL INFORMATION:
APPLICANT: Eschholm, Michael
APPLICANT: Kieley, John
APPLICANT: Griffith, Michael
APPLICANT: Coull, James M.
APPLICANT: Neilsen, Peter
APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS1577
CURRENT APPLICATION NUMBER: US/08/275,951
PRIOR FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR APPLICATION NUMBER: 08/088,658
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/088,661
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: PCT/EP92/01219
PRIOR FILING DATE: 1992-05-22
PRIOR APPLICATION NUMBER: 986/91
PRIOR FILING DATE: 1991-05-22
PRIOR APPLICATION NUMBER: 987/91
PRIOR FILING DATE: 1991-05-24
PRIOR APPLICATION NUMBER: 510/92

PRIOR FILING DATE: 1991-04-15
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 63
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
NAME/KEY: misc_feature
LOCATION: (10)-(11)
OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol, Ethylene Glycol
OTHER INFORMATION: Linkage
US-08-275-951-63

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1190 AGAGAGAAATCGAGAA 1208
DB 19 AGAGAGAAAGAGAGAGA 1

RESULT 708
US-09-091-952A-58/C
Sequence 58, Application US/09091952A
Patent No. 6458532
GENERAL INFORMATION:
APPLICANT: Delera-Wadleigh, Sevilla D.
Gerahon, Elliot A.
Badner, Judith A.
Goldin, Lynn R.
Berrettini, Wade H.
Yoshikawa, Takeo
Sanders, Alan R.
Besterling, Lisa B.
TITLE OF INVENTION: Chromosomal Markers and Diagnostic
Tests for Manic-Depressive Illness
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/091,952A
FILING DATE: 19-Apr-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,278
FILING DATE: 28-Oct-1996
APPLICATION NUMBER: PCT/US97/19381
FILING DATE: 28-Oct-1997
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Timothy L.
REGISTRATION NUMBER: 35,367
REFERENCE/DOCKET NUMBER: 015280-297100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..20
; OTHER INFORMATION: CHLC.GGA16G02 forward primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-09-091-952A-58

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4899 CCATCGTGTGGCTTCCA 4917
Db      20 CCCTCTGTTTCTCTTCCA 2

RESULT 709
US-09-360-416-9/c
; Sequence 9, Application US/09360416
; Patent No. 6458536
; GENERAL INFORMATION:
; APPLICANT: Richard A. Gatti
; TITLE OF INVENTION: METHODS FOR DETECTION OF ATAXIA
; FILE REFERENCE: 510015-222
; CURRENT APPLICATION NUMBER: US/09/360,416
; CURRENT FILING DATE: 1999-07-23
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-360-416-9

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      316 CTGGGCTCTCTCTCCCT 334
Db      19 CTGCACTCTCTCTCTCT 1

RESULT 710
US-09-535-008-22
; Sequence 22, Application US/09535008
; Patent No. 6465629
; GENERAL INFORMATION:
; APPLICANT: Wong, Alexander K.C.
; APPLICANT: Tavrisian, Sean V.
; APPLICANT: Teng, David H.-F.
; TITLE OF INVENTION: BRG1 IS A TUMOR SUPPRESSOR THAT IS MUTATED IN PROSTATE
; FILE REFERENCE: 2318-259
; CURRENT APPLICATION NUMBER: US/09/535,008
; CURRENT FILING DATE: 2000-03-23
; EARLIER APPLICATION NUMBER: U.S. 60/125,806
; EARLIER FILING DATE: 1999-03-23
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-535-008-22

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

Qy      3283 AGCCCAAGCTTGAAGAGC 3301
Db      1 AGCCCTGGCCTGAAGAGC 19

RESULT 711
US-09-844-525A-18
; Sequence 18, Application US/09844525A
; Patent No. 6468796
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BIFUNCTIONAL APOPTOSIS REGULATOR EXPRESSION
; FILE REFERENCE: RTS-0230
; CURRENT APPLICATION NUMBER: US/09/844,525A
; CURRENT FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-525A-18

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1640 CCAAGTCCAAAGTGTGTGAG 1658
Db      2 CACAGTTCAAGGTGTGTGG 20

RESULT 712
US-09-844-525A-46
; Sequence 46, Application US/09844525A
; Patent No. 6468796
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BIFUNCTIONAL APOPTOSIS REGULATOR EXPRESSION
; FILE REFERENCE: RTS-0230
; CURRENT APPLICATION NUMBER: US/09/844,525A
; CURRENT FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-525A-46

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2674 TCCCTCACTGCTGTAGC 2692
Db      1 TCTCTCACTGCTTCACG 19

RESULT 713
US-09-861-159-77
; Sequence 77, Application US/09861159
; Patent No. 6485974
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN2 EXPRESSION
; FILE REFERENCE: RTS-0243
```



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/ CURRENT APPLICATION NUMBER: US/09/861,159
/ CURRENT FILING DATE: 2001-05-18
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 77
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-861-159-77
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Cy      1846 AGTTGCTGGGGAACCTA 1864
Db      2 AGCTTGCTGGGCAAAATTA 20
```

```
RESULT 714
US-09-629-644A-120
/ Sequence 120, Application US/09629644A
/ Patent No. 6602857
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowseert
/ APPLICANT: Jacqueline Wyatt
/ APPLICANT: Susan M. Freiler
/ APPLICANT: Brett P. Monla
/ APPLICANT: Madeline M. Butler
/ APPLICANT: Robert McKay
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
/ FILE REFERENCE: ISPH-0478
/ CURRENT APPLICATION NUMBER: US/09/629,644A
/ CURRENT FILING DATE: 2000-07-31
/ PRIOR APPLICATION NUMBER: US 09/487,368
/ PRIOR FILING DATE: 2000-01-18
/ NUMBER OF SEQ ID NOS: 242
/ SEQ ID NO 120
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-120
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Cy      196 TGCCCAACCCCATCTCCC 214
Db      1 TGCTCCACACACATCTCCC 19
```

```
RESULT 715
US-09-629-644A-121
/ Sequence 121, Application US/09629644A
/ Patent No. 6602857
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowseert
/ APPLICANT: Jacqueline Wyatt
/ APPLICANT: Susan M. Freiler
/ APPLICANT: Brett P. Monla
/ APPLICANT: Madeline M. Butler
/ APPLICANT: Robert McKay
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
/ FILE REFERENCE: ISPH-0478
/ CURRENT APPLICATION NUMBER: US/09/629,644A
/ CURRENT FILING DATE: 2000-07-31
/ PRIOR APPLICATION NUMBER: US 09/487,368
/ PRIOR FILING DATE: 2000-01-18
/ NUMBER OF SEQ ID NOS: 242
```

```
/ SEQ ID NO 121
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-121
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Cy      196 TGCCCAACCCCATCTCCC 214
Db      2 TGCTCCACACACATCTCCC 20
```

```
RESULT 716
US-09-629-644A-121
/ Sequence 121, Application US/09629644A
/ Patent No. 6492345
/ GENERAL INFORMATION:
/ APPLICANT: Lex M. Cowseert
/ APPLICANT: Jacqueline Wyatt
/ APPLICANT: Susan M. Freiler
/ APPLICANT: Brett P. Monla
/ APPLICANT: Madeline M. Butler
/ APPLICANT: Robert McKay
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
/ FILE REFERENCE: ISPH-0478
/ CURRENT APPLICATION NUMBER: US/09/629,644A
/ CURRENT FILING DATE: 2000-07-31
/ PRIOR APPLICATION NUMBER: US 09/487,368
/ PRIOR FILING DATE: 2000-01-18
/ NUMBER OF SEQ ID NOS: 242
/ SEQ ID NO 121
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-121
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Cy      196 TGCCCAACCCCATCTCCC 214
Db      2 TGCTCCACACACATCTCCC 20
```

```
RESULT 717
US-09-898-361-147/C
/ Sequence 147, Application US/09898361
/ Patent No. 6503152
/ GENERAL INFORMATION:
/ APPLICANT: Susan Murray
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
/ FILE REFERENCE: RTS-0158
/ CURRENT APPLICATION NUMBER: US/09/898,361
/ CURRENT FILING DATE: 2001-06-21
/ NUMBER OF SEQ ID NOS: 163
/ SEQ ID NO 147
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-147
```

Query	March	0.3%	Score 14.2	DB 1	Length 20
	Best local similarity	84.2%	Pred. No. 5.8e+02		
	Matches 16	Conservative 0	Mismatches 3	Indels 0	Gaps 0
Qy	4684	TTGAGCCAGTCTCTGGAGCC	4702		
Db	20	TTGACCGAGTCTCTGGAGCC	2		

```

RESULT 718
US-09-238-710-31/C
; Sequence 31, Application US/09238710A
; Patent No. 6518018
; GENERAL INFORMATION:
; APPLICANT: Szogetak, Jack W.
; APPLICANT: Robert, Richard W.
; APPLICANT: Liu, Rihue
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: FUSIONS
; FILE REFERENCE: 00786/350004
; CURRENT APPLICATION NUMBER: US/09/238, 710A
; CURRENT FILING DATE: 1999-01-28
; EARLIER APPLICATION NUMBER: 60/035, 963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064, 491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007, 005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: DNA eplint
; US-09-238-710-31

```

Query Match	0.3%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%	Pred. No. 5.8e+02;		
Matches 16;	Conservative	0;	Mismatches 3;	Indels 0;
			Gaps	0;

OY	5397	AAATACAAAAAGAAAAA	5415
Db	19	AAATACCACAAAAAAA	1

```

RESULT 719
US-09-422-978--4755/c
; Sequence 4755, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

```

```

? SPO_ID NO 4755
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Homo Sapiens
? FEATURE:
? NAME/KEY: primer_bind
? LOCATION: 1..20

```

```

: OTHER INFORMATION: upstream amplification primer 99-17563 for SEQ 821,
US-09-422-978-4755

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5,8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps

```

QY	1191	GAGAGAGAAATCAGAGAA	1209
Db	19	GAAAGAGAAATCAGTGAA	1

```

RESULT 720
US-09-422-978--7052/c
; Sequence 7052, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7052
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-23702 for SEQ 3118,
; US-09-422-978--7052

```

Query Match	0.3%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%	Pred. No. 5.8e+02;		
Matches 16;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;

```

QY      4874 AGTTCTTCTCTGCAAC 4892
          |||||
Db      19 ACTTCTTCTCTGTAAC 1

```

RESULT 721
US-09-230-652-96
Sequence 96, Application US/09230652A
Patent No. 6537775
GENERAL INFORMATION:
APPLICANT: Tournier-Laessle, Elisabeth
APPLICANT: Joutel, Anne
APPLICANT: Bousseer, Marie-Germaine
APPLICANT: Bach, Jean-Francois
TITLE OF INVENTION: GENE INVOLVED IN CADASIL,
TITLE OF INVENTION: THERAPEUTIC APPLICATION
FILE REFERENCE: 03715.0048-00000
CURRENT APPLICATION NUMBER: US/09/230,652A
CURRENT FILING DATE: 1999-05-17
EARLIER APPLICATION NUMBER: FR 96 09733
EARLIER FILING DATE: 1996-08-01
EARLIER APPLICATION NUMBER: FR 97 04680
EARLIER FILING DATE: 1997-04-16
EARLIER APPLICATION NUMBER: PCT/FR97/01433
EARLIER FILING DATE: 1997-07-31
NUMBER OF SEQ ID NOS: 163
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 96

LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-96

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4206 CATTCCGTCACCTCTGTG 4224
DB 2 CATTCCACACCCCTCTGTG 20

RESULT 722
US-09-265-503B-64
Sequence 64, Application US/09265503B
Patent No. 6538108
GENERAL INFORMATION:
APPLICANT: Libbey, Robert M.
APPLICANT: Bronner, C. Eric
APPLICANT: Baker, Sean M.
APPLICANT: Bollag, Roni J.
APPLICANT: Kolodner, Richard D.
TITLE OF INVENTION: COMPOSITIONS AND METHODS
RELATING TO DNA MISMATCH REPAIR GENES
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack & Heuser
STREET: 520 S.W. Yamhill Street, Suite 200
CITY: Portland
STATE: Oregon
COUNTRY: U.S.A.
ZIP: 97204

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/265,503B
FILING DATE: March 10, 1999
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Van Rysselberghe, Pierre C.
REGISTRATION NUMBER: 33,557
REFERENCE/DOCKET NUMBER: OHSU 306D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (503) 224-6655
TELEFAX: (503) 295-6679
TELEX: 360619
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1
OTHER INFORMATION: /note= "primers directed to genomic
OTHER INFORMATION: intron DNA"
US-09-265-503B-64

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 335 GGCTTTTCTACCACTCCC 353
DB 2 GGCTTTTCTACCACTCCC 20

RESULT 723
US-09-705-267A-30/C
Sequence 30, Application US/09705267A
Patent No. 6551826
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Susan M. Freiler
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-30

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4624 CAGTGCAGAGGCTGCTGG 4642
DB 19 CAGTGCAGAGGCTGCTGG 1

RESULT 724
US-08-857-636-64
Sequence 64, Application US/08857636
Patent No. 6552181
GENERAL INFORMATION:
APPLICANT: Dean, Michael Carlton
APPLICANT: Hahn, Heidi Bye
APPLICANT: Wicking, Carol
APPLICANT: Christiansen, Jeffrey G.
APPLICANT: Zaphiropoulos, Peter G.
APPLICANT: Gailani, Mae R.
APPLICANT: Shanley, Susan Mary
APPLICANT: Chidambaram, Abiraml
APPLICANT: Vorechovsky, Igor
APPLICANT: Holmberg-Lindstrom, Erika
APPLICANT: Unden, Anne Birgitte
APPLICANT: Gillies, Susan Alana
APPLICANT: Negus, Kylie
APPLICANT: Smyth, Ian McLeod
APPLICANT: Pressman, Carol Leah
APPLICANT: Lefell, David J.
APPLICANT: Gerrard, Bernard
APPLICANT: Goldstein, Alisa Miriam
APPLICANT: Mainwaring, Brandon
APPLICANT: Tofegard, Rune Carl-Magnus
APPLICANT: Chenevix-Trench, Georgia
APPLICANT: Bale, Allen R.
TITLE OF INVENTION: A Basal Cell Carcinoma Tumor Suppressor Gene
NUMBER OF SEQUENCES: 83
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/857,636
; FILING DATE: 16-MAY-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/017,906
; FILING DATE: 17-MAY-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU P00011
; FILING DATE: 21-MAY-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU P00363
; FILING DATE: 07-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/019,765
; FILING DATE: 14-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Hunter, Tom
; REGISTRATION NUMBER: 38,498
; REFERENCE/DOCKET NUMBER: 015280-278200US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-857-636-64
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2322 CATCTGACCTTCTTGAG 2340
DB 2 CTTGACCACTCTTGATG 20
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```

RESULT 725
US-09-198-452A-1907
; Sequence 1907, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1907
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1907
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 3306 CCGGACGAGACACCTG 3324
DB 2 CCGGACGAGACACCTG 20
```

```

RESULT 726
US-09-198-452A-4382
; Sequence 4382, Application US/09198452A
; Patent No. 6559294
```

```

; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4382
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4382
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 3703 TCTCTGCTTCTGACGG 3721
DB 1 TCTCTGCTTCTGACGG 19
```

```

RESULT 727
US-09-198-452A-4475
; Sequence 4475, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4475
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4475
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 4843 CCGGCTTGGCTGACCT 4861
DB 1 CCGGCTTGGCTGACCT 19
```

```

RESULT 728
US-09-198-452A-4578
; Sequence 4578, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4578
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4578
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
```

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 2773 CTCTTAGTGGCACTTCT 2791
Db 2 CTGTAGTGGCACTTCT 20

RESULT 729
US-09-198-452A-5536/C

Sequence 5536, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Grifflals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198, 452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5536
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5536

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5244 CAAGAGCAGCAGCAGG 5262
Db 19 CAGAGCTAGCAGCAAGG 1

RESULT 730

US-09-198-452A-6307
Sequence 6307, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Grifflals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198, 452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6307
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6307

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4543 TATCAGAGCAGCTGATG 4561
Db 2 TGTGAGAGCAGCTTAAAG 20

RESULT 731

US-09-198-452A-6456
Sequence 6456, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Grifflals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198, 452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6456
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6456

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2948 ACCCTGAGAGCTGACCT 2966
Db 2 ACCCTTAGAGCTGTACT 20

RESULT 732
US-09-198-452A-6599

Sequence 6599, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Grifflals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198, 452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6599
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6599

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4846 GGCCTTGGCTGACCTTCT 4864
Db 1 GGCCTTGGAGCAGCCTTTT 19

RESULT 733
US-09-808-358-7

Sequence 7, Application US/09808358
Patent No. 6562955
GENERAL INFORMATION:
APPLICANT: TOSOH Corporation
TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
FILE REFERENCE: 200-2496
CURRENT APPLICATION NUMBER: US/09/808, 358
CURRENT FILING DATE: 2001-03-15
NUMBER OF SEQ ID NOS: 48
SEQ ID NO 7
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: oligonucleotide capable of binding specifically to trn1 and
US-09-808-358-7

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 150 GAACCCAGAGAGGAGA 168

```
Db      2  GGAACCGAGAGAGAAAA 20

RESULT 734
US-09-601-144-43
; Sequence 43, Application US/09601144
; Patent No. 6566514
; GENERAL INFORMATION:
; APPLICANT: Wright, Jim A.
; APPLICANT: Young, Aiping H.
; APPLICANT: Lee, Yoon S.
; TITLE OF INVENTION: OLIGONUCLEOTIDE SEQUENCES COMPLEMENTARY TO THIOREDOXIN
; TITLE OF INVENTION: AND THIOREDOXIN REDUCTASE GENES AND METHODS OF USING
; FILE REFERENCE: 683-112US-A
; CURRENT APPLICATION NUMBER: US/09/601,144
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: US 60/073,196
; PRIOR FILING DATE: 1998-01-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-601-144-43

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      294  TTCAGTGTCTTGACAGCC 312
Db      2  TTCGAGAGTCTTGACAGGC 20

RESULT 735
US-09-909-595-62
; Sequence 62, Application US/0909595
; Patent No. 6586245
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brenda F. Baker
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Scott E. Davis
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION
; FILE REFERENCE: RTS-0223
; CURRENT APPLICATION NUMBER: US/09/909,595
; CURRENT FILING DATE: 2001-07-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-909-595-62

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1180 AGAGAAAGAGAGAGAGA 1198
Db      2  AGAGAGATGAGAGAGAGA 20

RESULT 736
US-09-249-247-113
; Sequence 113, Application US/09249247
; Patent No. 6593305
; GENERAL INFORMATION:
```

```
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
; FILE REFERENCE: 032396-023
; CURRENT APPLICATION NUMBER: US/09/249,247
; CURRENT FILING DATE: 1999-02-11
; EARLIER APPLICATION NUMBER: US 60/023,040
; EARLIER FILING DATE: 1996-08-02
; EARLIER APPLICATION NUMBER: US 60/039,959
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: US 08/904,901
; EARLIER FILING DATE: 1997-08-01
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-249-247-113

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4802 TCAGCAGCTGAGATATCA 4820
Db      2  TCAGCAGCCCAAGTATCTA 20

RESULT 737
US-09-780-045-56/c
; Sequence 56, Application US/09780045
; Patent No. 6602713
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT B1
; FILE REFERENCE: RTS-0130
; CURRENT APPLICATION NUMBER: US/09/780,045
; CURRENT FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-045-56

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5230 TACAGAGATCTACAGA 5248
Db      19  TACAGAGATCTCACATGA 1

RESULT 738
US-09-967-669-31
; Sequence 31, Application US/09967669
; Patent No. 6692960
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION
; FILE REFERENCE: RTS-0259
; CURRENT APPLICATION NUMBER: US/09/967,669
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 31
```

LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-669-31

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2655 GCAGCCACACTCTGTGAG 2673
Db 2 GCAGCCACACTCTGTGAG 20

RESULT 739
US-09-661-858-71
Sequence 71, Application US/09661858
Patent No. 6699663
GENERAL INFORMATION:

APPLICANT: Jay A. Fishman
TITLE OF INVENTION: MOLECULAR SEQUENCE OF SWINE RETROVIRUS
NUMBER OF SEQUENCES: 74
AND METHODS OF USE
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 60 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/661,858
FILING DATE: 14-Sep-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/766,528
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Louis Myers
REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: MGP-038CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941

INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 71:
US-09-661-858-71

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3559 CAGAGCTCGATCAGAGA 3577
Db 1 CAGAGCTCGATCAGAGA 19

RESULT 740
US-09-657-013-4/c
Sequence 4, Application US/09657013
Patent No. 6709817

GENERAL INFORMATION:
APPLICANT: Zoghbi, Huda Y.
APPLICANT: Van den Veyver, Ignatia B
APPLICANT: Amir, Rubie
APPLICANT: Francke, Uta
TITLE OF INVENTION: Methods of Identifying Mutations in a Methyl-CpG-Binding Domain
FILE REFERENCE: HO-P01893US/09905371
CURRENT APPLICATION NUMBER: US/09/657,013
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/152,778
PRIOR FILING DATE: 1999-09-07
NUMBER OF SEQ ID NOS: 114
SOFTWARE: Patentin version 3.1
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-657-013-4

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3485 AACCAAGTGTGATGACCCC 3503
Db 19 ACCATGTATGATGACCCC 1

RESULT 741
US-10-215-448-71
Sequence 71, Application US/10215448
Patent No. 6716975
GENERAL INFORMATION:
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
FILE REFERENCE: RTS-0179
CURRENT APPLICATION NUMBER: US/10/215,448
CURRENT FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 105
SEQ ID NO 71
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-71

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5142 ACATGAACACTTGCCTC 5160
Db 1 ACATGAACACTTGCCTC 19

RESULT 742
US-08-983-605-300/c
Sequence 300, Application US/08983605A
Patent No. 6720137
GENERAL INFORMATION:
APPLICANT: Roder, Marion
TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
TITLE OF INVENTION: Triticum aestivum and Triticum aestivum and the Use of
FILE REFERENCE: 2936.10400
CURRENT APPLICATION NUMBER: US/08/983,605A
CURRENT FILING DATE: 1998-05-01
EARLIER APPLICATION NUMBER: DE 195 25 284.5
EARLIER FILING DATE: 1995-06-28

NUMBER OF SEQ ID NOS: 466
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 300
LENGTH: 20
TYPE: DNA
ORGANISM: Trilicium aestivum
US-08-983-605-300

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 880 TGGATCATGATGATGCGCG 898
DB 19 TGGATCATGATGATGCGG 1

RESULT 743

US-09-988-462-57
Sequence 57, Application US/09988462
Patent No. 6720488

GENERAL INFORMATION:

APPLICANT: Kozziel, Michael G.
Desai, Nalini M.
Lewis, Kelly S.
Kramer, Vance C.
Warren, Gregory W.
Evoila, Stephen V.
Crossland, Lyle D.
Wright, Martha S.
Merlin, Ellis J.
Lauris, Karen L.

TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
INSECTICIDAL ACTIVITY IN MAIZE

NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:

ADDRESSEE: Syngenta Biotechnology, Inc.
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
STATE: NC
COUNTRY: USA
ZIP: 27709

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/988,462
FILING DATE: 20-NO. 6720488-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 09/547,422
FILING DATE: 11-APR-2000
APPLICATION NUMBER: US 08/459,504
FILING DATE: 02-JUN-1995
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991

ATTORNEY/AGENT INFORMATION:

NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-188051

TELECOMMUNICATION INFORMATION:

TELEPHONE: (919)541-8587
TELEFAX: (919)541-8689

INFORMATION FOR SEQ ID NO: 57:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer MK35A28"
HYPOTHETICAL: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-09-988-462-57

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACCAGACCTGACCGAGCT 3131
DB 2 AGCTGACCTGACCGGCT 20

RESULT 744

US-09-635-251-32/C
Sequence 32, Application US/09635251
Patent No. 6759215

GENERAL INFORMATION:

APPLICANT: Zsebo, Kristina M.
Boselman, Robert A.
Suggs, Sidney H.
Martin, Francis H.

TITLE OF INVENTION: Stem Cell Factor

NUMBER OF SEQUENCES: 104

CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago

STATE: Illinois

COUNTRY: United States of America

ZIP: 60606-6402

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/635,251
FILING DATE: 07-AUG-2000
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/449,182
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
APPLICATION NUMBER: 07/684,535
FILING DATE: 04-OCT-1991
APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989

ATTORNEY/AGENT INFORMATION:

NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32957A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448

INFORMATION FOR SEQ ID NO: 32:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-635-251-32

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAGAAAAATGAA 5420
DB 19 CAAAAAAAAAAAAAAAAA 1

RESULT 745
US-09-635-251-33/c
Sequence 33, Application US/09635251
Patent No. 6759215
GENERAL INFORMATION:
APPLICANT: Zeebo, Kristina M.
Boeselman, Robert A.
Sugger, Sidney V.
Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/635,251
FILING DATE: 07-AUG-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/449,182
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
APPLICATION NUMBER: 07/684,535
FILING DATE: 04-OCT-1991
APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,363
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32957A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 33:

US-09-635-251-33

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGA 5410
DB 19 TAAAAAAAAAAAAAAAAA 1

RESULT 746
US-09-917-963-79
Sequence 79, Application US/09917963
Patent No. 6767739
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0591
CURRENT APPLICATION NUMBER: US/09/917,963
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 137
SEQ ID NO 79
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-917-963-79

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 929 TTTTGACAGCTGCTCGA 947
DB 2 TTCTGACAGCTTCTCGA 20

RESULT 747
US-09-899-440-7/c
Sequence 7, Application US/09899440
Patent No. 6770753
GENERAL INFORMATION:
APPLICANT: Stein, Cy
TITLE OF INVENTION: PHOSPHOROTHIOATE ANTISENSE HEPARANASE OLIGONUCLEOTIDES
FILE REFERENCE: 0575/63180
CURRENT APPLICATION NUMBER: US/09/899,440
CURRENT FILING DATE: 2001-07-05
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.0
SEQ ID NO 7
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
LOCATION: ()..(?)
OTHER INFORMATION: antisense oligonucleotide LB78
US-09-899-440-7

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1424 CTGATTATGAGAGAGA 1442
DB 20 CTCCTGATGTGAGAGAGA 2

RESULT 748

PCT-US94-03856-8
; Sequence 8, Application PC/ITUS9403856
; GENERAL INFORMATION:
; APPLICANT: Alton Meister, Chin-Shiou Huang, and Mary
; APPLICANT: E. Anderson
; TITLE OF INVENTION: Glutamylycysteine Synthetase Light
; TITLE OF INVENTION: Subunit
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Yahwak & Associates
; STREET: 25 Skytop Drive
; City: Trumbull
; STATE: Connecticut
; COUNTRY: USA
; ZIP: 06611
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Microsoft Word 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/03856
; FILING DATE: 07-Apr-1994
; CLASSIFICATION:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 045,808
; FILING DATE: April 8th 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Yahwak, George M.
; REGISTRATION NUMBER: 26,824
; REFERENCE/DOCKET NUMBER: CRF D 1403
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 203 268 1951
; TELEFAX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: DNA
; PCT-US94-03856-8

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5230 TACGAGAAGCTTCACAGA 5248
Db 2 TCCAGAGAGCTCTTACAGA 20

RESULT 749
5219727-29/c
; Patent No. 5219727
; APPLICANT: WANG, ALICE M.; DOYLE, MICHAEL V.; MARK, DAVID F.
; TITLE OF INVENTION: QUANTITATION OF NUCLEIC ACIDS USING THE
; POLYMERASE CHAIN REACTION
; NUMBER OF SEQUENCES: 64
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/413,623
; FILING DATE: 28-SEP-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 396,986
; FILING DATE: 21-AUG-1989
; SEQ ID NO:29;
; LENGTH: 20
5219727-29

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4289 ACTGCTCCATTGGGAGGA 4307
Db 19 ACTGTCCATCCGAGGGA 1

RESULT 750
US-08-687-456B-1/c
; Sequence 1, Application US/08687456B
; Patent No. 6066447
; GENERAL INFORMATION:
; APPLICANT: De Meemaeker, Alain
; APPLICANT: Waldner, Adrian
; APPLICANT: Lebretton, Jacques
; APPLICANT: Beviere, Marc-Olivier
; APPLICANT: Lesueur, Catherine
; TITLE OF INVENTION: Modified Oligonucleotides
; FILE REFERENCE: 4-19835/A/PCT
; CURRENT APPLICATION NUMBER: US/08/687,456B
; EARLIER FILING DATE: 1996-11-12
; EARLIER APPLICATION NUMBER: PCT/EP96/00156
; EARLIER FILING DATE: 1995-01-17
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (4)
; OTHER INFORMATION: n is 7b as shown on page 79 of the specification
; OTHER INFORMATION: Description of Artificial Sequence:
; US-08-687-456B-1

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
Db 15 AGAGAGAGAGANAAA 1

RESULT 751
US-09-349-035-4/c
; Sequence 4, Application US/09349035
; Patent No. 644135
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Wang, Tingmin
; APPLICANT: Manoharan, Muthiah
; APPLICANT: An, Haoyun
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Monomers and Related Compounds
; FILE REFERENCE: 1s18-3311
; CURRENT APPLICATION NUMBER: US/09/349,035
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (4)..(5)
; OTHER INFORMATION: *3'-methylenephosphonate linkage; N=2'-O-methyl nucleotide
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: n=5-methyluridine
; US-09-349-035-4

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 99.3%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAA 1200
Db 15 AGAGAGAGAGAAA 1

RESULT 752
US-08-459-434-6/c
; Sequence 6, Application US/08459434
; Patent No. 5969116
; GENERAL INFORMATION:
; APPLICANT: Martin, Pierre
; TITLE OF INVENTION: Nucleosides and oligonucleotides having
; TITLE OF INVENTION: 2'-ether groups
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5969116atlis Corporation
; STREET: 59 Route 10
; CITY: East Hanover
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07936-1080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/459,434
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: CH 1467/93-4
; FILING DATE: 12-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/241,213
; FILING DATE: 10-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ferraro, Gregory D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 4-19552/A/DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 277-3318
; TELEFAX: (908) 277-4306
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic oligonucleotide
; DESCRIPTION: comprising a modified sugar"
; US-08-459-434-6

Query Match 0.3%; Score 14; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1187 GAGAGAGAGAAA 1200
Db 16 GAGAGAGAGAAA 3

RESULT 753
US-08-250-740-23
; Sequence 23, Application US/08250740
; Patent No. 5686240
; GENERAL INFORMATION:

; APPLICANT: Schuchman, Edward H.
; APPLICANT: Desnick, Robert J.
; TITLE OF INVENTION: Acid Sphingomyelinase Gene and Diagnosis
; TITLE OF INVENTION: of Niemann-Pick Disease
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/250,740
; FILING DATE: 27-MAY-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30742
; REFERENCE/DOCKET NUMBER: 6923-038
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66141 PENNIB
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-250-740-23

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 ACTCCAGAGACTCT 633
Db 4 ACTCCAGAGACTCT 17

RESULT 754
US-07-695-472B-29
; Sequence 29, Application US/07695472B
; Patent No. 5773278
; GENERAL INFORMATION:
; APPLICANT: Schuchman, Edward H.
; APPLICANT: Desnick, Robert J.
; TITLE OF INVENTION: The Acid Sphingomyelinase Gene and
; TITLE OF INVENTION: Diagnosis of Niemann-Pick Disease
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/695,472B
; FILING DATE: 19910503
; CLASSIFICATION: 435

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Mistock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6923-014
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 790864/9741
; TELETYPE: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULAR TYPE: DNA
; US-07-695-472B-29

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 ACTCCAGAGCTCT 633
DB 4 ACTCCAGAGCTCT 17

RESULT 755
US-08-460-890A-7
; Sequence 7, Application US/08460890A
; Patent No. 5994109
; GENERAL INFORMATION:
; APPLICANT: Woo, Savio L.C.
; APPLICANT: Smith, Louis C.
; APPLICANT: Cristiano, Richard J.
; APPLICANT: Gotchalk, Stephen
; TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
; TITLE OF INVENTION: METHODS OF USE
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,890A
; FILING DATE: June 5, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/167,641
; FILING DATE: December 14, 1993
; APPLICATION NUMBER: 07/855,389
; FILING DATE: March 20, 1992
; APPLICATION NUMBER: PCT/US93/02725
; FILING DATE: March 19, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/066
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELETYPE: 67-3510
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
```

```

; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULAR TYPE: cDNA
; US-08-460-890A-7

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAG 1197
DB 1 AAAGAGAGAGAG 14

RESULT 756
US-08-460-890A-8/C
; Sequence 8, Application US/08460890A
; Patent No. 5994109
; GENERAL INFORMATION:
; APPLICANT: Woo, Savio L.C.
; APPLICANT: Smith, Louis C.
; APPLICANT: Cristiano, Richard J.
; APPLICANT: Gotchalk, Stephen
; TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
; TITLE OF INVENTION: METHODS OF USE
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,890A
; FILING DATE: June 5, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/167,641
; FILING DATE: December 14, 1993
; APPLICATION NUMBER: 07/855,389
; FILING DATE: March 20, 1992
; APPLICATION NUMBER: PCT/US93/02725
; FILING DATE: March 19, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/066
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELETYPE: 67-3510
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: Other nucleic acid
; FEATURE:
; OTHER INFORMATION: "C" stands for 5-methylcytosine
; US-08-460-890A-8

Query Match 0.3%; Score 14; DB 1; Length 17;
```

Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1187 GAGAGAGAGAGAA 1200
Db 14 GAGAGAGAGAGAA 1

RESULT 757

US-08-460-890A-9

Sequence 9, Application US/08460890A

Patent No. 5994109

GENERAL INFORMATION:

APPLICANT: Moo, Savio L.C.

APPLICANT: Smith, Louis C.

APPLICANT: Cristiano, Richard J.

APPLICANT: Gottchalk, Stephen

TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND

METHODS OF USE

NUMBER OF SEQUENCES: 65

CORRESPONDENCE ADDRESS:

ADDRESSER: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/460,890A

FILING DATE: June 5, 1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/167,641

FILING DATE: December 14, 1993

APPLICATION NUMBER: 07/855,389

FILING DATE: March 20, 1992

APPLICATION NUMBER: PCT/US93/02725

FILING DATE: March 19, 1993

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 212/066

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-460-890A-9

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1184 AAAGAGAGAGAG 1197
Db 1 AAAGAGAGAGAG 14

RESULT 758

US-08-167-641C-7

Sequence 7, Application US/08167641C

Patent No. 6033884

GENERAL INFORMATION:

APPLICANT: Moo, Savio L.C.

APPLICANT: Smith, Louis C.

APPLICANT: Cristiano, Richard J.

APPLICANT: Gottchalk, Stephen

TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND

METHODS OF USE

NUMBER OF SEQUENCES: 65

CORRESPONDENCE ADDRESS:

ADDRESSER: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/167,641C

FILING DATE: December 14, 1993

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/855,389

FILING DATE: March 20, 1992

APPLICATION NUMBER: PCT/US93/02725

FILING DATE: March 19, 1993

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 205/012

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-167-641C-7

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1184 AAAGAGAGAGAG 1197
Db 1 AAAGAGAGAGAG 14

RESULT 759

US-08-167-641C-8/c

Sequence 8, Application US/08167641C

Patent No. 6033884

GENERAL INFORMATION:

APPLICANT: Moo, Savio L.C.

APPLICANT: Smith, Louis C.

APPLICANT: Cristiano, Richard J.

APPLICANT: Gottchalk, Stephen

TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND

METHODS OF USE

NUMBER OF SEQUENCES: 65

CORRESPONDENCE ADDRESS:

ADDRESSER: Lyon & Lyon

```

; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/167,641C
; FILING DATE: December 14, 1993
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/855,389
; FILING DATE: March 20, 1992
; APPLICATION NUMBER: PCT/US93/02725
; FILING DATE: March 19, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; FEATURE:
; OTHER INFORMATION: "C" stands for 5-methylcytosine
;
US-08-167-641C-8
;
Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1187 GAGAGAGAGAGAAA 1200
Db 14 GAGAGAGAGAGAGAAA 1

RESULT 760
US-08-167-641C-9
; Sequence 9, Application US/08167641C
; Patent No. 6033884
; GENERAL INFORMATION:
; APPLICANT: Woo, Savio L.C.
; APPLICANT: Smith, Louis C.
; APPLICANT: Cristiano, Richard J.
; APPLICANT: Gottchalk, Stephen
; TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
; TITLE OF INVENTION: METHODS OF USE
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
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```

; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/167,641C
; FILING DATE: December 14, 1993
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/855,389
; FILING DATE: March 20, 1992
; APPLICATION NUMBER: PCT/US93/02725
; FILING DATE: March 19, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
;
US-08-167-641C-9
;
Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAG 1197
Db 1 AAAGAGAGAGAGAG 14

RESULT 761
US-08-460-971A-7
; Sequence 7, Application US/08460971A
; Patent No. 6150168
; GENERAL INFORMATION:
; APPLICANT: Woo, Savio L.C.
; APPLICANT: Smith, Louis C.
; APPLICANT: Cristiano, Richard J.
; APPLICANT: Gottchalk, Stephen
; TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
; TITLE OF INVENTION: METHODS OF USE
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,971A
; FILING DATE: June 5, 1995
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/167,641
; FILING DATE: December 14, 1993
; APPLICATION NUMBER: 07/855,389
; FILING DATE: March 20, 1992
; APPLICATION NUMBER: PCT/US93/02725
```

FILED DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/063
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-460-971A-7

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1184 AAAGAGAGAGAG 1197
DB 1 AAAGAGAGAGAG 14

RESULT 762
US-08-460-971A-8/c
Sequence 8, Application US/08460971A
Patent No. 6150168
GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gotchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,971A
FILING DATE: June 5, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1993
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/063
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
FEATURE:
OTHER INFORMATION: "C" stands for 5-methylcytosine
US-08-460-971A-8

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1187 GAGAGAGAGAA 1200
DB 14 GAGAGAGAGAA 1

RESULT 763
US-08-460-971A-9
Sequence 9, Application US/08460971A
Patent No. 6150168
GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gotchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,971A
FILING DATE: June 5, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1993
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/063
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-460-971A-9

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1184 AAAGAGAGAGAG 1197
DB 1 AAAGAGAGAGAG 14

RESULT 764

US-08-462-040-7
; Sequence 7, Application US/08462040
; Patent No. 6177554
; GENERAL INFORMATION:
; APPLICANT: Woo, Savio L.C.
; APPLICANT: Smith, Louis C.
; APPLICANT: Cristiano, Richard J.
; APPLICANT: Gottchalk, Stephen
; TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
; TITLE OF INVENTION: METHODS OF USE
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/462,040
; FILING DATE: June 5, 1995
; CLASSIFICATION: 536
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/167,641
; FILING DATE: December 14, 1993
; APPLICATION NUMBER: 07/855,389
; FILING DATE: March 20, 1992
; APPLICATION NUMBER: PCT/US93/02725
; FILING DATE: March 19, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-462-040-7

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1184 AAAGAGAGAGAG 1197
DB 1 AAAGAGAGAGAG 14

RESULT 765

US-08-462-040-8/C
; Sequence 8, Application US/08462040
; Patent No. 6177554
; GENERAL INFORMATION:
; APPLICANT: Woo, Savio L.C.
; APPLICANT: Smith, Louis C.
; APPLICANT: Cristiano, Richard J.
; APPLICANT: Gottchalk, Stephen
; TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
; TITLE OF INVENTION: METHODS OF USE
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/462,040
; FILING DATE: June 5, 1995
; CLASSIFICATION: 536
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/167,641
; FILING DATE: December 14, 1993
; APPLICATION NUMBER: 07/855,389
; FILING DATE: March 20, 1992
; APPLICATION NUMBER: PCT/US93/02725
; FILING DATE: March 19, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; FEATURE:
; OTHER INFORMATION: "C" strands for 5-methylcytosine
; US-08-462-040-8

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1187 GAGAGAGAGAGAA 1200
DB 14 GAGAGAGAGAGAA 1

RESULT 766

US-08-462-040-9
; Sequence 9, Application US/08462040
; Patent No. 6177554
; GENERAL INFORMATION:
; APPLICANT: Woo, Savio L.C.
; APPLICANT: Smith, Louis C.
; APPLICANT: Cristiano, Richard J.
; APPLICANT: Gottchalk, Stephen

TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,040
FILING DATE: June 5, 1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-462-040-9
Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1184 AAAGAGAGAGAG 1197
DB 1 AAAGAGAGAGAG 14
RESULT 767
US-09-106-375-29
Sequence 29; Application US/09106375
Patent No. 6541218
GENERAL INFORMATION:
APPLICANT: Schuchman, Edward H.
APPLICANT: Desnick, Robert J.
TITLE OF INVENTION: The Acid Sphingomyelinase Gene and
TITLE OF INVENTION: Diagnosis of Niemann-Pick Disease
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSER: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,375
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/695,472
FILING DATE: 03-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6923-014
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 790864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA
US-09-106-375-29
Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 620 ACTCCAGAGCTCT 633
DB 4 ACTCCAGAGCTCT 17
RESULT 768
US-09-866-108A-6764
Sequence 6764; Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See file Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6764
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6764

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGAGACCT 3047
Db 4 CTCCTGAGACCT 17

RESULT 769

US-09-866-108A-6768
Sequence 6768, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6768
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6768

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3035 TCCTGAGACCTG 3048
Db 1 TCCTGAGACCTG 14

RESULT 770

US-08-101-435-6/c
Sequence 6, Application US/08101435
Patent No. 5441893
GENERAL INFORMATION:
APPLICANT: Ciavelli, Olivier
APPLICANT: Zhou, Qun-yong
TITLE OF INVENTION: A No. 5441893el Adenosine Receptor and Uses
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/101,435
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/847,563
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: McDonnell, John J
REGISTRATION NUMBER: 26,949
REFERENCE/DOCKET NUMBER: 91,708
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
FAX: 910-221-5317
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-101-435-6

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2816 AGAGCTTCAGCTG 2829
Db 17 AGAGCTTCAGCTG 4

RESULT 771

US-08-373-124A-2239
Sequence 2239, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California

COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2239:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2239

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 78.6%; Pred. No. 5.7e+02;
Matches 11; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 117 CCTGCGAGCTCAG 130
DB 1 CCUUGCAGCUCUAG 14

RESULT 772
US-08-435-628-2239
Sequence 2239, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Dreper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2239:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2239

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 78.6%; Pred. No. 5.7e+02;
Matches 11; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 117 CCTGCGAGCTCAG 130
DB 1 CCUUGCAGCUCUAG 14

RESULT 773
US-08-882-046-97
Sequence 97, Application US/08882046
Patent No. 6136952
GENERAL INFORMATION:
APPLICANT: Li, Linheng
APPLICANT: Hood, Leroy
APPLICANT: Krantz, Ian D.
APPLICANT: Spinner, Nancy B.
TITLE OF INVENTION: Human Jagged Polypeptide, Encoding
TITLE OF INVENTION: Nucleic Acids and Methods of Use
NUMBER OF SEQUENCES: 110
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/882,046
FILING DATE: 25-JUN-1997
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-UW 2637
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001

TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 97:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-882-046-97

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4467 TACTGTGATCCCTC 4480
Db 5 TACTGTGATCCCTC 18

RESULT 774
US-09-213-719-44
; Sequence 44, Application US/09213719B
; Patent No. 6150162
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION
; FILE REFERENCE: RTS-0006
; CURRENT APPLICATION NUMBER: US/09/213,719B
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-719-44

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2325 CTCACCTTCTTGA 2338
Db 4 CTCACCTTCTTGA 17

RESULT 775
US-09-187-289-4
; Sequence 4, Application US/09187289
; Patent No. 6482593
; GENERAL INFORMATION:
; APPLICANT: Walt, David R.
; TITLE OF INVENTION: Fiber Optic Biosensor for Selectively Detecting
; FILE REFERENCE: A67210-1/RMS/DCF
; CURRENT APPLICATION NUMBER: US/09/187,289
; CURRENT FILING DATE: 1998-11-05
; PRIOR APPLICATION NUMBER: 08/851,203
; PRIOR FILING DATE: 1997-05-05
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-187-289-4

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.7e+02;

Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
Qy 3319 AACCTGATGACGTTG 3334
Db 3 AACGTGATGACGTTG 18

RESULT 776
US-09-566-047-97
; Sequence 97, Application US/09566047
; Patent No. 6703198
; GENERAL INFORMATION:
; APPLICANT: Li, Linheng
; Hood, Leroy
; Krantz, Ian D.
; Spinner, Nancy B.
; TITLE OF INVENTION: Methods of Diagnosing Alagille Syndrome
; NUMBER OF SEQUENCES: 110
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/566,047
; FILING DATE: 05-May-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/882,046
; FILING DATE: 25-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-UW 4164
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (858) 535-9001
; TELEFAX: (858) 535-8949
; INFORMATION FOR SEQ ID NO: 97:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 97:
US-09-566-047-97

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4467 TACTGTGATCCCTC 4480
Db 5 TACTGTGATCCCTC 18

RESULT 777
US-08-938-669A-22
; Sequence 22, Application US/08938669A
; Patent No. 6171788
; GENERAL INFORMATION:
; APPLICANT: Nguyen, Thai D.
; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS,
; PROGNOSIS AND TREATMENT OF GLAUCOMA AND
; TITLE OF INVENTION: RELATED DISEASES
; NUMBER OF SEQUENCES: 32

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Howrey & Simon
;; STREET: 1299 Pennsylvania Avenue, N.W.
;; CITY: Washington
;; STATE: DC
;; COUNTRY: USA
;; ZIP: 20004-2402
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: DOS
;; SOFTWARE: FastSeq for Windows Version 2.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/938,669A
;; FILING DATE:
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/791,154
;; FILING DATE: 28-JAN-1997
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Mendelson, Elliot
;; REGISTRATION NUMBER: P-42,878
;; REFERENCE/DOCKET NUMBER: 07425-0034
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202 383-6857
;; TELEFAX: 202 383-6610
;; TELEX:
;; INFORMATION FOR SEQ ID NO: 22:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-938-669A-22

Query Match 0.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 109 CTTCTCAGCCTTGC 122
DB 2 CTTCTCAGCCTTGC 15

RESULT 778
US-09-031-962D-10
; Sequence 10, Application US/09031962D
; Patent No. 6350867
; GENERAL INFORMATION:
; APPLICANT: Thomas C. Hart
; TITLE OF INVENTION: Methods and Compositions for Enhancing
; TITLE OF INVENTION: Oseous Growth, Repair, and Regeneration
; FILE REFERENCE: WFU98-18
; CURRENT APPLICATION NUMBER: US/09/031,962D
; CURRENT FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-031-962D-10

Query Match 0.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5029 CCATCTGAGCTGC 5042
DB 2 CCATCTGAGCTGC 15

;; RESULT 779
US-09-306-828-22-2
; Sequence 22, Application US/09306828
; Patent No. 6475724
; GENERAL INFORMATION:
; APPLICANT: Nguyen, Thai D.
; APPLICANT: Polansky, Jon R.
; APPLICANT: Chen, Pu
; APPLICANT: Chen, Hua
; TITLE OF INVENTION: Nucleic Acids, Kits, And Methods For The Diagnosis, Prognosis And
; CURRENT APPLICATION NUMBER: US/09/306,828
; CURRENT FILING DATE: 1999-05-07
; EARLIER APPLICATION NUMBER: US 09/227,881
; EARLIER FILING DATE: 1999-01-11
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Microsoft Word 97
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-306-828-22

Query Match 0.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 109 CTTCTCAGCCTTGC 122
DB 2 CTTCTCAGCCTTGC 15

RESULT 780
US-09-696-791-3781/C
; Sequence 3781, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3781
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdc25 he ribozyme binding site
US-09-696-791-3781

Query Match 0.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1480 CCAGGCTGATAC 1493
DB 19 CCAGGCTGATAC 6

RESULT 781
US-08-343-281A-9
; Sequence 9, Application US/08343281A
; Patent No. 5798265
; GENERAL INFORMATION:
; APPLICANT: Springer, Wolfgang; Baumgarten, Jorg;
; APPLICANT: Kretschmer, Axel; Kolbl, Heinz;
; APPLICANT: Lobberding, Antonius; Strube, Walter;
; APPLICANT: Thein, Peter
; TITLE OF INVENTION: PSEUDORABIES VIRUS (PRV)
; TITLE OF INVENTION: POLYNUCLEOTIDES AND THEIR

TITLE OF INVENTION: USE FOR PREPARING VIRUS-
TITLE OF INVENTION: RESISTANT EUKARYOTIC CELLS
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: SPRUNG HORN KRAMER & WOODS
STREET: 660 White Plains Road
CITY: Tarrytown
STATE: New York
COUNTRY: U.S.A.
ZIP: 10591-5144
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 720 KB
COMPUTER: Sharp PC-4600
OPERATING SYSTEM: DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/343,281A
FILING DATE: 22-NOV-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/029,202
FILING DATE: 10-MAR-1993
PRIOR APPLICATION DATA: DE 4208107
FILING DATE: 13-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Kurt G. Briscoe
REGISTRATION NUMBER: 33,141
REFERENCE/DOCKET NUMBER: Bayer 8700.1-KGB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 332-1700
TELEFAX: (914) 332-1844
TELEX:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: synthetic or biological DNA or RNA
US-08-343-281A-9

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1052 CCACATCCACAGCA 1065
|||||

Db 3 CCACATCCACAGCA 16

RESULT 782
US-08-313-185-13
Sequence 13, Application US/08313185
Patent No. 5851763
GENERAL INFORMATION:
APPLICANT: Heym, Beate
APPLICANT: Cole, Stewart
APPLICANT: Young, Douglas
APPLICANT: Zhang, Ying
APPLICANT: Honore, Nadine
APPLICANT: Telenti, Amalio
APPLICANT: Bodmer, Thomas
TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance
TITLE OF INVENTION: in Mycobacterium Tuberculosis
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.

COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/313,185
FILING DATE: 12-OCT-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 02356.0068-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-313-185-13

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 GCAGATGGGCGCTGA 760
|||||

Db 1 GCAGATGGGCGCTGA 14

RESULT 783
US-08-238-821B-58/c
Sequence 58, Application US/08238821B
Patent No. 5912120
GENERAL INFORMATION:
APPLICANT: GOLDSTEIN, Joyce A.
APPLICANT: ROMKES-SPARKS, Marjorie
APPLICANT: DE MORAIS, Sonia M.F.
TITLE OF INVENTION: CLONING, EXPRESSION AND DIAGNOSIS OF HUMAN
TITLE OF INVENTION: CYTOCHROME P450 2C19: THE PRINCIPAL DETERMINANT OF S-
NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/238,821B
FILING DATE: 06-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/201,118
FILING DATE: 22-FEB-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/864,962
FILING DATE: 09-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joe

REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 15280-192110US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 326-2400
TELEFAX: (650) 326-2422
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
US-08-238-821B-58

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4724 ACCAGCCCTGAG 4737
DB 15 ACCAGCCCTGAG 2

RESULT 784
US-09-082-614A-13
Sequence 13, Application US/09082614A
Patent No. 6124098
GENERAL INFORMATION:
APPLICANT: Heym, Beate
APPLICANT: Cole, Stewart
APPLICANT: Young, Douglas
APPLICANT: Zhang, Ying
APPLICANT: Honore, Nadine
APPLICANT: Telenti, Amalio
APPLICANT: Bodmer, Thomas
TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance
TITLE OF INVENTION: In Mycobacterium Tuberculosis
NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flinnegan, Henderson, Farbow, Garrett &
ADDRESSER: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/082,614A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/313,185
FILING DATE: 12-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-082-614A-13

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 GCAGATGGGCTGA 760
DB 1 GCAGATGGGCTGA 14

RESULT 785
US-09-418-641-82/c
Sequence 82, Application US/09418641A
Patent No. 6124133
GENERAL INFORMATION:
APPLICANT: Jennifer K. Taylor
APPLICANT: Lex M. Cowert
TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
FILE REFERENCE: RTS-0105
CURRENT APPLICATION NUMBER: US/09/418,641A
CURRENT FILING DATE: 1999-10-15
NUMBER OF SEQ ID NOS: 83
SEQ ID NO 82
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-641-82

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4737 GGAGACCATCTC 4750
DB 19 GGAGACCATCTC 6

RESULT 786
US-09-021-701-556/c
Sequence 556, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstair, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 556:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-556

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5403 AAAAAGAAAAAT 5416
DB 15 AAAAAGAAAAAT 2

RESULT 787
US-09-021-701-557/C
Sequence 557, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Dejenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: Probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 557:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-557

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5403 AAAAAGAAAAAT 5416
DB 14 AAAAAGAAAAAT 1

RESULT 788
US-09-428-583-57
Sequence 57, Application US/09428583
Patent No. 6271029
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSIN-2 EXPRESSION
FILE REFERENCE: RTS-0096
CURRENT APPLICATION NUMBER: US/09/428,583
CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 57
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-583-57

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4141 CTGGAAACCCCG 4154
DB 1 CTGGAAACCCCG 14

RESULT 789
US-09-658-688A-88/C
Sequence 88, Application US/09658688A
Patent No. 6498035
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: William Gaarde
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyalt
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK3 EXPRESSION
FILE REFERENCE: RTS-0143
CURRENT APPLICATION NUMBER: US/09/658,688A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 88
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-688A-88

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1518 GCAGGGGCTGCTG 1531
DB 16 GCAGGGGCTGCTG 3

RESULT 790
US-09-198-452A-5228/C
Sequence 5228, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
thereof and uses thereof, in particular for the diagnosis, prevention


```

: TITLE OF INVENTION: and treatment of infection
: FILE REFERENCE: 9710-003-999
: CURRENT APPLICATION NUMBER: US/09/198,452A
: CURRENT FILING DATE: 1998-11-24
: NUMBER OF SEQ ID NOS: 6849
: SEQ ID NO 5228
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Chlamydia pneumoniae
: US-09-198-452A-5228

```

Query Match 0.3%; Score 14; DB 1; Length 20;
 Query Local Similarity 100.0%; Pred. No. 6.3e+02;
 Matches 14; Conservative 0; Mismatches 0; Gaps 0

Qy	4773	GAAGGCAGCAAAA	4786
Db	18	GAAGGCAGCAAAA	5

RESULT 791
US-09-033-

```

US-09-033-936-11/c
: Sequence 11, Application US/09033936
: Patent No. 6612976
:
: GENERAL INFORMATION:
: APPLICANT: TOMIZOKA, KAZUMA
: APPLICANT: YOSHIDA, HITOSHI
: APPLICANT: HANAOKA, KAZUNORI
: APPLICANT: OSHIMURA, MITSUO
: APPLICANT: ISHIDA, ISAO
:
: TITLE OR INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
:
: FILE REFERENCE: 081356/0114
: CURRENT APPLICATION NUMBER: US/09/033,936
: CURRENT FILING DATE: 1998-03-02
: PRIOR APPLICATION NUMBER: PCT/Jp96/02427
: PRIOR FILING DATE: 1996-08-29
:
: NUMBER OF SEQ ID NOS: 74
:
: SOFTWARE: PatentIn Ver. 2.1
:
: SEQ ID NO 11
:
: LENGTH: 20
:
: TYPE: DNA
:
: ORGANISM: Artificial Sequence
:
: FEATURE:
:
: OTHER INFORMATION: Description of Artificial Sequence: Primer
:
: US-09-033-936-11

```

Query Match	0.34	Score 14	DB 1	Length 20
Best Local Similarity	100.0%	Pred. No.	6.33+02	
Matches 14	Conservative 0	Mismatches 0	Indels 0	Gaps 0
1906 GCTCTGCAGAACTT 1919				

QY	1906	GCTCTGCA	GAACT	1919
Db	17	GCTCTGCA	GAACT	4

RESULT 792
US-10-199-

```

1 Sequence 14 Application US/10199024
2 Patent No. 6706523
3 GENERAL INFORMATION:
4 APPLICANT: Zhen, Pang Fu
5 TITLE OF INVENTION: Attenuated Rabies Virus with Nucleoprotein Mutation at the
6 TITLE OF INVENTION: Phosphorylation Site for Vaccination Against Rabies and
7 TITLE OF INVENTION: Gene Therapy in the CNS
8 FILE REFERENCE: 033304-001
9 CURRENT APPLICATION NUMBER: US/10/199,024
10 CURRENT FILING DATE: 2002-07-22
11 NUMBER OF SEQ ID NOS: 64
12 SOFTWARE: FastSeq for Windows Version 4.0
13 SEQ ID NO 14
14 LENGTH: 20
15 TYPE: DNA
16 ORGANISM: Artificial Sequence

```

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; FEATURE:
; OTHER INFORMATION: primer
US-10-199-024-14 r

```

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	3623	TGAGCAAGATCTTC	3636
Db	19	TGAGCAAGATCTTC	6

RESULT 793
US-09-794-422-32/c
; Sequence 32, App

Sequence 32, Application US/09794422
 Patent No. 6790639
 GENERAL INFORMATION:
 APPLICANT: Brown, Thomas A.
 APPLICANT: De Wet, Jeffrey R.
 APPLICANT: Gowen, Lori C.
 APPLICANT: Hames, Lynn M.
 TITLE OF INVENTION: Mammalian Osteoregulating
 FILE REFERENCE: PCT0445
 CURRENT APPLICATION NUMBER: US/09/794,422
 PRIORITY FILING DATE: 2001-02-27
 PRIORITY APPLICATION NUMBER: 60/185,617
 PRIORITY FILING DATE: 2000-02-29
 PRIORITY APPLICATION NUMBER: 60/234,500
 PRIORITY FILING DATE: 2000-09-22
 NUMBER OF SEQ ID NOS: 46
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 32
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Mus musculus
 US-09-794-422-32

Query Match	0.34	Score 14	DB 1	Length 20
Best Local Similarity	100.0%	Pred. No.	6.3e+02	
Matches 14	Conservative 0	Mismatches 0	Indels 0	Gaps 0

QY	5247	GAGCAAGCCACAG	5260
Db	14	GAGCAAGCCACAG	1

RESULT 794
PCT-US95-05744-58/c

1 GENERAL INFORMATION:
2 APPLICANT: GOLDSTEIN, Joyce A.
3 APPLICANT: BOWKES-SPARKS, Marjorie
4 APPLICANT: DE MORAIS, Sonia M.P.
5 TITLE OF INVENTION: CLONING, EXPRESSION AND DIAGNOSIS OF HUMAN
6 TITLE OF INVENTION: CYTOCHROME P450 2C19: THE PRINCIPAL DETERMINANT
7 TITLE OF INVENTION: OF S-MEPHANYTOIN METABOLISM
8 NUMBER OF SEQUENCES: 61
9 CORRESPONDENCE ADDRESS:
10 ADDRESSEE: Townsend and Townsend Kourie and Crew
11 STREET: 379 Lytton Avenue
12 CITY: Palo Alto
13 STATE: California
14 COUNTRY: US
15 ZIP: 94301
16 COMPUTER READABLE FORM:
17 MEDIUM TYPE: Floppy disk
18 COMPUTER: IBM PC compatible
19 OPERATING SYSTEM: PC-DOS/MS-DOS
20 SOFTWARE: PatentIn Release #1.0, Version #1.25
21 CURRENT APPLICATION DATA:
22 APPLICATION NUMBER: PCT/US95/05744
23 FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/238,821
FILING DATE: 06-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/201,118
FILING DATE: 22-FEB-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/864,962
FILING DATE: 09-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Dow, Karen B.
REGISTRATION NUMBER: 29,684
REFERENCE/DOCKET NUMBER: 15280-192-1-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
FCT-US95-05744-58

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4724 ACCAAGCCCTGAAG 4737
DB 15 ACCAAGCCCTGAAG 2

RESULT 795
US-08-469-177-7/C
Sequence 7, Application US/08469177
Patent No. 5607924
GENERAL INFORMATION:
APPLICANT: MAGDA, Darren
APPLICANT: SESSLER, Jonathan L.
APPLICANT: IVERSON, Brent L.
APPLICANT: SANSOM, Petra I.
APPLICANT: WRIGHT, Meredith
TITLE OF INVENTION: DNA PHOTOCLEAVAGE USING TEXAPHYRINS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pharmacia, Inc.
STREET: 995 East Arques Avenue
CITY: Sunnyvale
STATE: California
COUNTRY: United States of America
ZIP: 94086
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,177
FILING DATE: 06-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Jacqueline S.
REGISTRATION NUMBER: 30,279
REFERENCE/DOCKET NUMBER: PHAY:057
TELECOMMUNICATION INFORMATION:
TELEPHONE: (408) 774-3363
TELEFAX: (408) 774-0340
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "RNA"
US-08-469-177-7

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4399 AAAGACAGAAAGATGA 4415
DB 17 AAAGAAAGAAAGAGA 1

RESULT 796
US-08-373-124A-184/C
Sequence 184, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 184:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-184

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 575 AGGAGAGCTGAGAG 591

Db 17 AGGAGAGAGAGAG 1

RESULT 797

US-08-373-124A-2149/C

Sequence 2149, Application US/08373124A
Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373.124A

FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245.466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192.943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987.132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936.422

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Wardburg, Richard

REGISTRATION NUMBER: 32.327

REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2149:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-373-124A-2149

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 5.9e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5399 ATACAAAAAGAAAAA 5415

Db 17 ATATATAAATAAATAA 1

RESULT 798

US-08-200-232-5/C

Sequence 5, Application US/08200232

Patent No. 5721349

GENERAL INFORMATION:

APPLICANT: Cover, Timothy L.

APPLICANT: Blaser, Martin U.

TITLE OF INVENTION: VACUOLATING TOXIN-DEFICIENT H. PYLORI

TITLE OF INVENTION: AND RELATED METHODS

NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:

ADDRESSEE: NEEDLE & ROSENBERG P.C.

STREET: 127 Peachtree Street, Suite 1200

CITY: Atlanta

STATE: Georgia

COUNTRY: USA

ZIP: 30303

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/200.232

FILING DATE:

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Spratt, Gwendolyn D.

REGISTRATION NUMBER: 36,016

REFERENCE/DOCKET NUMBER: 2200.023

TELECOMMUNICATION INFORMATION:

TELEPHONE: 404/688-0770

TELEFAX: 404/688-9880

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULAR TYPE: DNA (genomic)

US-08-200-232-5

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 5.9e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4814 GTATCAACACAGCCCT 4830

Db 17 GTATCAACACAGCCTT 1

RESULT 799

US-08-758-306-37

Sequence 37, Application US/08758306

Patent No. 5807743

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: McSwiggen, James A.

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: TREATMENT OF DISEASES

TITLE OF INVENTION: ASSOCIATED WITH

TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR

TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION

NUMBER OF SEQUENCES: 1379

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

US-08-758-306-37

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-37

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 5.9e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 283 CAGCTGACTCTCTCCAG 299
Db 1 CAGCTGATUUCUUCUCUG 17

RESULT 800
US-08-758-306-87
Sequence 87, Application US/08/758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 87:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-87

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 5.9e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 844 CCCAGCCACCCACCTC 860
Db 1 CCCAGCTUACCACTUC 17

RESULT 801
US-08-435-628-184/C
Sequence 184, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 184:
SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-184

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 575 AGGAGAGCTGAAGAG 591
DB 17 AGGAGAGAGAGAGAG 1

RESULT 802
US-08-435-628-2149/c
Sequence 2149, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435.628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373.124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245.466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192.943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987.132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936.422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2149:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2149

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5399 ATACAAAAAGAAAAA 5415
DB 17 ATATAAAAATAAAAAA 1

RESULT 803
US-08-584-040-2096
Sequence 2096, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584.040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005.974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2096:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2096

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 3805 AAGAACTGTACGAGT 3821
DB 1 AAGAACTUUAACCGAAU 17

RESULT 804
US-08-584-040-2550/c
Sequence 2550, Application US/08584040

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/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwigen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 2550:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-08-584-040-2550
/
/ Query Match 0.3%; Score 13.8; DB 1; Length 17;
/ Best Local Similarity 88.2%; Pred. No. 5.9e+02;
/ Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
/
/ QY 5393 AAAAAAAAAACAAAAG 5409
/ Db 17 AAAAAAAAAAAAAAAAAAG 1
/
/ RESULT 805
/ US-08-584-040-4024
/ Sequence 4024, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwigen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
```

```
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 4024:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-08-584-040-4024
/
/ Query Match 0.3%; Score 13.8; DB 1; Length 17;
/ Best Local Similarity 76.5%; Pred. No. 5.9e+02;
/ Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
/
/ QY 188 GTGAGCGTGGCCACAC 204
/ Db 1 GGGAGAGUUGCCACAC 17
/
/ RESULT 806
/ US-08-584-040-7627
/ Sequence 7627, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwigen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
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/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 7627:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-7627

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 5.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 4803 CAGCAGCTGAAGTATCA 4819
Db 1 CAGCAGCTGAAGTATCA 17

RESULT 807
US-08-584-040-7818/c
/ Sequence 7818, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwiggen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: Storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
```

```

/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 7818:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-7818

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5399 ATACAAAAAGAAAAA 5415
Db 17 AACCAAAAAACAAAAA 1

RESULT 808
US-08-584-040-7819/c
/ Sequence 7819, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwiggen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: Storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 7819:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-7819
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Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5398 AATACAAAAAGAAAA 5414
DB 17 AAAAAACAAAAACAAAA 1

RESULT 809

US-08-584-040-7910/C
Sequence 7910, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584, 040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7910:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-7910

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5079 GGCACAGACCAAGC 5095
DB 17 GGCCTCAGAGCCAAGC 1

RESULT 810
US-08-584-040-7911/C

Sequence 7911, Application US/08584040
Patent No. 6346398

GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584, 040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7911:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-7911

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5078 TGGCCTCAGAGCCAAG 5094
DB 17 TGGCCTCAGAGCCAAG 1

RESULT 811

US-08-584-040-8061
Sequence 8061, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584, 040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8061:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-8061


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/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESSES:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 MB
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 8061:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-8061

Query Match          0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 5.9e+02;
Matches 8; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 5306 GCTCTTTAGATTGT 5322
DB 1 GCUCUCUAGAGUGU 17

RESULT 812
US-08-679-645-884/C
; Sequence 884, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent B.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
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/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 MB
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/679,645
/ FILING DATE: July 12, 1996
/ CLASSIFICATION: 800
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/001,135
/ FILING DATE: July 13, 1995
/ APPLICATION NUMBER: 08/300,726
/ FILING DATE: September 2, 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 219/247
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 884:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-679-645-884

Query Match          0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5396 AAAATACAAAAGAAA 5412
DB 17 AAAATACAAAATAAAAA 1

RESULT 813
US-08-679-645-885/C
; Sequence 885, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent B.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
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/ APPLICATION NUMBER: US/08/679,645
/ FILING DATE: July 12, 1996
/ CLASSIFICATION: 800
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/001,135
/ FILING DATE: July 13, 1995
/ APPLICATION NUMBER: 08/300,726
/ FILING DATE: September 2, 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 219/247
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 885:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-679-645-885
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Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 5395 AAAAAATCAAAAAGAA 5411
DB 17 AAAAAATCAAAAATGAA 1
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RESULT 814
US-09-479-645A-33
/ Sequence 33, Application US/09479645A
/ Patent No. 6489141
/ GENERAL INFORMATION:
/ APPLICANT: FRAZER, Ian Hector
/ APPLICANT: ZHOU, Jian
/ TITLE OF INVENTION: NUCLEIC ACID SEQUENCE AND METHOD FOR SELECTIVELY
/ TITLE OF INVENTION: EXPRESSING A PROTEIN IN A TARGET CELL OR TISSUE
/ FILE REFERENCE: 210338.0001/US
/ CURRENT APPLICATION NUMBER: US/09/479,645A
/ CURRENT FILING DATE: 2000-01-07
/ PRIOR APPLICATION NUMBER: PCT/AU98/00530
/ PRIOR FILING DATE: 1998-07-09
/ PRIOR APPLICATION NUMBER: AU P07765
/ PRIOR FILING DATE: 1997-07-09
/ PRIOR APPLICATION NUMBER: AU P09467
/ PRIOR FILING DATE: 1997-09-11
/ NUMBER OF SEQ ID NOS: 219
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 33
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:
US-09-479-645A-33
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Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 1327 TGGAAAAATGAGATT 1343
DB 1 TCGTAAAAAGAGATT 17
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RESULT 815
US-09-300-958A-63/c
```

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/ Sequence 63, Application US/09300958A
/ Patent No. 6495319
/ GENERAL INFORMATION:
/ APPLICANT: McClelland, Michael
/ APPLICANT: Welsh, John
/ APPLICANT: Trengle, Thomas
/ TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
/ TITLE OF INVENTION: Using Same
/ FILE REFERENCE: P-PH 3457
/ CURRENT APPLICATION NUMBER: US/09/300,958A
/ CURRENT FILING DATE: 1999-04-27
/ PRIOR APPLICATION NUMBER: 60/083,331
/ PRIOR FILING DATE: 1998-04-27
/ PRIOR APPLICATION NUMBER: 60/098,070
/ PRIOR FILING DATE: 1998-08-27
/ PRIOR APPLICATION NUMBER: 60/118,624
/ PRIOR FILING DATE: 1999-02-04
/ NUMBER OF SEQ ID NOS: 85
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 63
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-300-958A-63
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Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 5400 TACAAAAAGAAAAAT 5416
DB 17 TAAAAAAGAAAAAAT 1
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RESULT 816
US-09-474-432B-365
/ Sequence 365, Application US/09474432B
/ Patent No. 6528640
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Burgin, Alex
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpelsky, Alex
/ APPLICANT: Adamic, Jasenka
/ APPLICANT: Sweedler, David
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
/ FILE REFERENCE: MBH00-831-B (247/276)
/ CURRENT APPLICATION NUMBER: US/09/474,432B
/ CURRENT FILING DATE: 1999-12-19
/ PRIOR APPLICATION NUMBER: US 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ PRIOR APPLICATION NUMBER: US 60/084,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: US 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: US 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ NUMBER OF SEQ ID NOS: 1526
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 365
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-474-432B-365
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 5.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
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QY 3246 TGAAGCTGCGCAGGACC 3262
:||||:|||||
Db 1 UGACUGCUGCCAUAGC 17

RESULT 817

US-09-474-432B-643
Sequence 643, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpelesky, Alex
APPLICANT: Adams, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
FILE REFERENCE: MEHBOO-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 643
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-643

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 5.9e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 4768 TGGAGAGGCGACAA 4784
:|||||
Db 1 UGACGAGGCGACAA 17

RESULT 818

US-09-371-772B-641
Sequence 641, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHBOO, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 641
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-641

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 3805 AAGAACTGTACCGAGT 3821
:||||:|||||
Db 1 AAGAACTUUUACCGAAU 17

RESULT 819

US-09-371-772B-1074/C
Sequence 1074, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHBOO, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1074
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1074

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAG 5409
:|||||
Db 17 AAAAAATACAAAAG 1

RESULT 820

US-09-371-772B-1791
Sequence 1791, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHBOO, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1791
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1791

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.9e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 188 GTGAGCGTTCGCCACAC 204
| | | | | | | | | | | | | | | | | | |
Db 1 GGGAGAGUUGCCACAC 17

RESULT 821
US-09-371-772B-3419
; Sequence 3419, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 3419
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3419

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 5.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 4803 CAGCAGCTGAAGTATCA 4819
| | | | | | | | | | | | | | | | | | |
Db 1 CAGCAGCTCAAGUGUCA 17

RESULT 822
US-09-371-772B-3602/c
; Sequence 3602, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 3602
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3602

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5399 ATACAAAAAGAAAAA 5415
| | | | | | | | | | | | | | | | | | |
Db 17 AATCAAAAAACAAAAA 1

RESULT 823
US-09-371-772B-3603/c
; Sequence 3603, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 3603
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3603

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5398 AATCAAAAAAGAAAAA 5414
| | | | | | | | | | | | | | | | | | |
Db 17 AATCAAAAAACAAAAA 1

RESULT 824
US-09-371-772B-3693/c
; Sequence 3693, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 3693
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3693

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 5079 GGCCACGAGCCAGC 5095
DB 17 GGCTCAGAGCCAGC 1

RESULT 825
US-09-371-772B-3694/C
Sequence 3694, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 3694
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-3694

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 5078 TGGCCACGAGCCAGC 5094
DB 17 TGGCTCAGAGCCAGC 1

RESULT 826
US-09-371-772B-3844
Sequence 3844, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 3844
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-3844

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 5.9e+02;
Matches 8; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 5306 GCCTTTAGATTGT 5322
DB 1 GCTCUCUAGAGUGU 17

RESULT 827
US-09-371-772B-4566
Sequence 4566, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 4566
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-4566

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 5.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
QY 2356 GAGCACCATCCCTT 2372
DB 1 GAGCACCACACACU 17

RESULT 828
US-09-371-772B-5579
Sequence 5579, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 5579
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5579

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 5.9e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 5398 AATACAAAAAGAAAA 5414
|||
Db 1 AAUUCACAAAGAAAA 17

RESULT 829
US-09-371-772B-5580/C
; Sequence 5580, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH800.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5580
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5580

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2264 AAAAAAGACCTTTC 2280
|||
Db 17 AAAAAAGACCTTTC 1

RESULT 830
US-09-371-772B-6122/C
; Sequence 6122, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH800.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6122
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6122

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 41 GCAGCCCGGGCTTCAC 57

Db 17 GCAGCCCGGGCTTCAC 1
|||

RESULT 831
US-09-371-772B-6657/C
; Sequence 6657, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH800.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6657
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6657

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5219 TCCTGGCTTGATCAG 5235
|||
Db 17 TCCTGGCTTGATCAG 1

RESULT 832
US-09-476-387-364
; Sequence 364, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adams, Jaenka Matulic
; APPLICANT: Zinn, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH800-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; PRIOR FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 364
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-364

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 5.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 3246 TGACTGCTGCCAGAC 3262

Db 1 UGACUGCUGCCAGAC 17

RESULT 833

US-09-476-387-642
Sequence 642, Application US/09476387
Patent No. 6617438
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpelsky, Alex
APPLICANT: Adams, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Zinner, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
FILE REFERENCE: MEBB00-831-C (249/073)
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/476,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0
SEQ ID NO 642
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-476-387-642

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 5.9e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 4768 TGGAGAGGCGACAA 4784

Db 1 UGACAGAGCGACAA 17

RESULT 834

US-09-866-108A-667
Sequence 667, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wenheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A60MICA-7
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263, 6
PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: A60MICA Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 667
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-667

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 649 GCTCAGCCAGAGAC 665

Db 1 GCCAGCCAGAGAGAC 17

RESULT 835

US-09-866-108A-740/C
Sequence 740, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wenheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A60MICA-7
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263, 6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755


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- PRIOR FILING DATE: 2000-10-04
- PRIOR APPLICATION NUMBER: US 60/236,359
- PRIOR FILING DATE: 2000-09-27
- PRIOR APPLICATION NUMBER: PCT/US01/00666
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00667
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00664
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00669
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00665
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00668
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00663
- Remaining Prior Application data removed - See File Wrapper or PALM.
- NUMBER OF SEQ ID NOS: 15755
- SOFTWARE: Aeonica Sequence Listing Engine
- Patent No. 6686188
- SEQ ID NO 1318
- LENGTH: 17
- TYPE: DNA
- ORGANISM: Homo sapiens
US-09-866-108A-1318
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 1548 ACTGGCAGGCGAGTGA 1564

Db 1 ACTGGAGAGGCGAGTGA 17

```
RESULT 839
US-09-866-108A-1350
- Sequence 1350, Application US/09866108A
- Patent No. 6686188
- GENERAL INFORMATION:
- APPLICANT: GU, Yizhong
- APPLICANT: JI, Yonggang
- APPLICANT: PENN, Sharon G.
- APPLICANT: HANZEL, David K.
- APPLICANT: RANK, David R.
- APPLICANT: CHEN, Wensheng
- APPLICANT: SHANNON, Mark
- TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
- FILE REFERENCE: AEWICA-7
- CURRENT APPLICATION NUMBER: US/09/866,108A
- PRIOR FILING DATE: 2001-05-25
- PRIOR APPLICATION NUMBER: US 60/207,456
- PRIOR FILING DATE: 2000-05-26
- PRIOR APPLICATION NUMBER: GB 24263.6
- PRIOR FILING DATE: 2000-10-04
- PRIOR APPLICATION NUMBER: US 60/236,359
- PRIOR FILING DATE: 2000-09-27
- PRIOR APPLICATION NUMBER: PCT/US01/00666
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00667
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00664
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00669
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00665
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00668
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00663
- PRIOR FILING DATE: 2001-01-30
- Remaining Prior Application data removed - See File Wrapper or PALM.
```

```
- NUMBER OF SEQ ID NOS: 15755
- SOFTWARE: Aeonica Sequence Listing Engine
- Patent No. 6686188
- SEQ ID NO 1350
- LENGTH: 17
- TYPE: DNA
- ORGANISM: Homo sapiens
US-09-866-108A-1350
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 1675 GAAAGATGGACAGC 1691

Db 1 GAAAGATGGACAGC 17

```
RESULT 840
US-09-866-108A-1351
- Sequence 1351, Application US/09866108A
- Patent No. 6686188
- GENERAL INFORMATION:
- APPLICANT: GU, Yizhong
- APPLICANT: JI, Yonggang
- APPLICANT: PENN, Sharon G.
- APPLICANT: HANZEL, David K.
- APPLICANT: RANK, David R.
- APPLICANT: CHEN, Wensheng
- APPLICANT: SHANNON, Mark
- TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
- FILE REFERENCE: AEWICA-7
- CURRENT APPLICATION NUMBER: US/09/866,108A
- PRIOR FILING DATE: 2001-05-25
- PRIOR APPLICATION NUMBER: US 60/207,456
- PRIOR FILING DATE: 2000-05-26
- PRIOR APPLICATION NUMBER: GB 24263.6
- PRIOR FILING DATE: 2000-10-04
- PRIOR APPLICATION NUMBER: US 60/236,359
- PRIOR FILING DATE: 2000-09-27
- PRIOR APPLICATION NUMBER: PCT/US01/00666
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00667
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00664
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00669
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00665
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00668
- PRIOR FILING DATE: 2001-01-30
- PRIOR APPLICATION NUMBER: PCT/US01/00663
- PRIOR FILING DATE: 2001-01-30
- Remaining Prior Application data removed - See File Wrapper or PALM.
- NUMBER OF SEQ ID NOS: 15755
- SOFTWARE: Aeonica Sequence Listing Engine
- Patent No. 6686188
- SEQ ID NO 1351
- LENGTH: 17
- TYPE: DNA
- ORGANISM: Homo sapiens
US-09-866-108A-1351
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 1676 GAAAGATGGACAGC 1692

Db 1 GAAAGATGGACAGC 17

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RESULT 841
US-09-866-108A-1670
; Sequence 1670, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1670
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1670

Query Match          0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3558 GCAGAGCTCGATCAG 3574
Db      1 GCAGAGCTCAGCCAG 17

RESULT 842
US-09-866-108A-2019
; Sequence 2019, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
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; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2019
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2019

Query Match          0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3023 GCCCTGCTGCTCTCTG 3039
Db      1 GCCCTGCTGCTCTCTG 17

RESULT 843
US-09-866-108A-2369
; Sequence 2369, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
```

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 2369

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-2369

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 5.9e+02; Mismatches 2; Indels 0; Gaps 0;

Matches 15; Conservative 0;

Db 1 CAGCTGCTCAGCTCCAG 17

RESULT 844

US-09-866-108A-6676/C

Sequence 6676, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 6676

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-6676

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 5.9e+02; Mismatches 2; Indels 0; Gaps 0;

Matches 15; Conservative 0;

Db 17 CAGCTGCTCAGCTCCAG 17

RESULT 845

US-09-866-108A-6935/C

Sequence 6935, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 6935

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-6935

Query Match 0.3%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 5.9e+02; Mismatches 2; Indels 0; Gaps 0;

Matches 15; Conservative 0;

Db 17 ATCTCCAGCTTCTTGAA 2339

RESULT 846

US-09-866-108A-7799/C

Sequence 7799, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

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; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7799
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7799

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2642 TGCAGCTGCTGCTGAG 2658
DB      17 TTCAGCTGCTGCTGAG 1

RESULT 847
US-09-866-108A-7800/c
; Sequence 7800, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
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; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7800
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7800

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2641 CTCGAGCTGCTGCTGCA 2657
DB      17 CTCGAGCTGCTGCTGCA 1

RESULT 848
US-09-866-108A-8357
; Sequence 8357, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8357
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8357

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      574 AAGGAGAGCTGAAGA 590
DB      1 AAGGAGAGCTGAGAA 17
```

```
RESULT 849
US-09-866-108A-8399
; Sequence 8399, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8399
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8399
;
; Query Match 0.3%; Score 13.8; DB 1; Length 17;
; Best Local Similarity 88.2%; Pred. No. 5.9e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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RESULT 851
US-09-866-108A-8418
; Sequence 8465, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8418
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8418
;
; Query Match 0.3%; Score 13.8; DB 1; Length 17;
; Best Local Similarity 88.2%; Pred. No. 5.9e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8465
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8465

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2572 AGAGAGTGGAGAACAT 2588
Db 1 AGCGAGCTGAGAACAT 17

RESULT 852
US-09-866-108A-8648
; Sequence 8648, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8648
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8648

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2641 CTGCAGCTGCTGCTGCA 2657
Db 1 CTGCAGCTGCTGCTGCA 2657

RESULT 853
US-09-866-108A-8648/c
; Sequence 8648, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8648
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8648

Query Match
Best Local Similarity 88.2%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2642 TGCAGCTGCTGCTGCG 2658
Db 1 TCCAGCTGAGCTGCG 1

RESULT 854
US-09-866-108A-8649
; Sequence 8649, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
```

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/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8649
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-8649
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 2642 TGCAGCTGCTGCTGCAG 2658
Db 1 TGCAGCTGCTGCTGCAG 17
```

```
RESULT 855
/ US-09-866-108A-8649/c
/ Sequence 8649, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8649
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-8649
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY 2641 CTCGAGCTGCTGCTGCA 2657
Db 17 CTCGAGCTGAGCTGCA 1
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```
RESULT 856
/ US-09-866-108A-8650/c
/ Sequence 8650, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8650
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-8650
```

Db 17 CCTCCAGCTGCTGCTGC 1

RESULT 857
US-09-866-108A-8810/c
Sequence 8810, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8810
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8810

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2323 ATCTCCACCTTCTTGA 2339
Db 17 ATCTGCACCTTCTGGA 1

RESULT 858
US-09-866-108A-8864/c
Sequence 8864, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8864
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8864

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3587 CCCATGTTGCTCAGGCT 3603
Db 17 CCCATCTTATCAGGCT 1

RESULT 859
US-09-866-108A-8915/c
Sequence 8915, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30


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/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6915
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8915

Query Match          0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2235 CTGCTCTCTGCTGCTG 2251
Db      17 CTGCTCTCCGCTGCTG 1

RESULT 860
US-09-866-108A-9196
/ Sequence 9196, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEWICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 9196
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-9196

Query Match          0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      2574 AGAGATGAGACATCT 2590
Db      1 AGAGATGATACGCTT 17

RESULT 861
US-09-866-108A-9544
/ Sequence 9544, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEWICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 9544
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-9544

Query Match          0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      326 CCCCTCCCTGCTTTC 342
Db      1 CTCCTCCCTGCTTTC 17

RESULT 862
US-09-866-108A-9630/c
/ Sequence 9630, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
```

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FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9630
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9630
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 5103 CCTCCGATCCATCCA 5119
Db 17 CCTCCGAGCCCTTCCA 1
```

```
RESULT 863
US-09-866-108A-9651/c
Sequence 9651, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: UT, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
```

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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9651
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9651
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 307 CAGGCCCTCTGGGCTC 323
Db 17 CTGGCCTCTGGGCTC 1
```

```
RESULT 864
US-09-866-108A-10662/c
Sequence 10662, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: UT, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 10662
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-10662
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 3053 TGGCTGCTGGCTC 3069
Db 17 TGGCTGCTGGCTC 1

RESULT 865

US-09-866-108A-10664/C
Sequence 10664, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A60MCA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 10664
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-10664

Query Match 0.3%, Score 13.8, DB 1, Length 17;
Best Local Similarity 88.2%, Pred. No. 5.9e+02;
Matches 15, Conservative 0, Mismatches 2, Indels 0, Gaps 0;

QY 3051 GTTGGCTGGCTGGCC 3067
Db 17 GCTGGCTGGCTGGCC 1

RESULT 866

US-09-404-912-55/C
Sequence 55, Application US/09404912
Patent No. 6703228
GENERAL INFORMATION:
APPLICANT: John Landers
APPLICANT: David Houseman
APPLICANT: Barbara Jordan
APPLICANT: Alain Charest
TITLE OF INVENTION: Methods and Products Related to
FILE REFERENCE: M0656/7045 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/404,912
CURRENT FILING DATE: 1999-09-24
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22283
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 691
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 55
LENGTH: 17
TYPE: DNA
ORGANISM: Homo Sapiens
US-09-404-912-55

Query Match 0.3%, Score 13.8, DB 1, Length 17;
Best Local Similarity 88.2%, Pred. No. 5.9e+02;
Matches 15, Conservative 0, Mismatches 2, Indels 0, Gaps 0;

QY 3054 GGCTGGCTGGCTCA 3070
Db 17 GGCTGGCTGGCTCA 1

RESULT 867
PCT-US95-02219-5/C
Sequence 5, Application PC/TUS9502219
GENERAL INFORMATION:
APPLICANT: Cover, Timothy L.
APPLICANT: Blaser, Martin J.
TITLE OF INVENTION: VACUOLATING TOXIN-DEFICIENT H. PYLORI
TITLE OF INVENTION: AND RELATED METHODS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG P.C.
STREET: 127 Peachtree Street, Suite 1200
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/02219
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Spratt, Gwendolyn D.
REGISTRATION NUMBER: 36,016
REFERENCE/DOCKET NUMBER: 2200,023
TELECOMMUNICATION INFORMATION:
TELEPHONE: 404/688-0770
TELEFAX: 404/688-9880
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-02219-5

Query Match 0.3%, Score 13.8, DB 1, Length 17;
Best Local Similarity 88.2%, Pred. No. 5.9e+02;
Matches 15, Conservative 0, Mismatches 2, Indels 0, Gaps 0;

QY 4814 GTATCACACACGCTT 4830
Db 17 GTATCACACACGCTT 1

RESULT 868
PCT-US95-02219A-5/c
Sequence 5, Application PC/TUS9502219A
GENERAL INFORMATION:
APPLICANT: Cover, Timothy L.
APPLICANT: Tumutuu, Murali KR
APPLICANT: Cao, Ping
APPLICANT: Thompson, Stuart A.
APPLICANT: Blaser, Martin J.
TITLE OF INVENTION: VACUOLATING TOXIN-DEFICIENT H. PYLORI
TITLE OF INVENTION: AND THE RELATED METHODS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG P.C.
STREET: 127 Peachtree Street, Suite 1200
CITY: Atlanta
STATE: Georgia
ZIP: 30303
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/02219A
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Spratt, Gwendolyn D.
REGISTRATION NUMBER: 36,016
REFERENCE/DOCKET NUMBER: 2200.023
TELECOMMUNICATION INFORMATION:
TELEPHONE: 404/688-0770
TELEFAX: 404/688-9880
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-02219A-5

Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4814 GATCAACACGACCT 4830
DB 17 GATCCACACGACCTT 1

RESULT 869
US-08-758-306-953
Sequence 953, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 953:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-953

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 2640 CCGCAGCTGCTGCTGC 2656
DB 2 CCGCAGCTGCTGCTGC 18

RESULT 870
US-08-224-981-10
Sequence 10, Application US/08224981
Patent No. 5646019
GENERAL INFORMATION:
APPLICANT: Nielson, Kirk B.
APPLICANT: Mathur, Eric J.
TITLE OF INVENTION: Method for Producing Primed Nucleic Acid
TITLE OF INVENTION: Templates
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 2730 Sand Hill Road
CITY: Menlo Park
STATE: California
COUNTRY: U.S.A.
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/224,981
FILING DATE: Concurrently herewith
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,867
FILING DATE: 24-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Halliuh, Albert P.
REGISTRATION NUMBER: 25,227
REFERENCE/DOCKET NUMBER: 8142-054
TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 854-3660
TELEFAX: (415) 854-3694
TRIEK: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA
US-08-224-981-10

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1686 GACAGCCACTCCGGCTC 1702
DB 1 GACAGTCACTCCGGCCC 17

RESULT 871
US-08-246-982A-21
Sequence 21, Application US/08246982A
Patent No. 5686388
GENERAL INFORMATION:
APPLICANT: Macdonald, Marcy E.
APPLICANT: Ambrose, Christine M.
APPLICANT: Duyao, Mabel P.
APPLICANT: Guebella, James P.
TITLE OF INVENTION: Huntingtin DNA, Protein And Uses Thereof
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/246,982A
FILING DATE: May 20, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge, A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0609,3880002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-246-982A-21

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4606 CAGGTGCTGAGCCGGA 4622
DB 1 CAGGTACTGAGCGAGA 17

RESULT 872

US-08-453-265-21
Sequence 21, Application US/08453265
Patent No. 5693757
GENERAL INFORMATION:
APPLICANT: Macdonald, Marcy E.
APPLICANT: Ambrose, Christine M.
APPLICANT: Duyao, Mabel P.
APPLICANT: Guebella, James P.
TITLE OF INVENTION: Huntingtin DNA, Protein And Uses Thereof
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/453,265
FILING DATE: 30-MAY-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Ludwig, Steven R.
REGISTRATION NUMBER: 36,203
REFERENCE/DOCKET NUMBER: 0609,3880003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-453-265-21

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4606 CAGGTGCTGAGCCGGA 4622
DB 1 CAGGTACTGAGCGAGA 17

RESULT 873
US-08-363-240A-1223
Sequence 1223, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwigen, James
APPLICANT: Bigsaler, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
PREVENTION, INHIBITION OF
PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1223:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-1223

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 2108 GCCTGATGCAGCAGATG 2124
DB 1 GCCGCGCGCAGCAGATG 17

RESULT 874
US-08-424-663-6/c
Sequence 6, Application US/08424663
Patent No. 5750341
GENERAL INFORMATION:
APPLICANT: MACEVICZ, Stephen C.
TITLE OF INVENTION: DNA Sequencing by Stepwise Extension with Oligonucleotide Bloc
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Stephen C. Macevitz
STREET: 21890 Rucker Drive
CITY: Cupertino
STATE: California
COUNTRY: USA
ZIP: 95014
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 3.1/DOS 5.0
SOFTWARE: Microsoft Word for Windows, vers. 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/424,663
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Stephen C. Macevitz
REGISTRATION NUMBER: 30,285
REFERENCE/DOCKET NUMBER: peo1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 638-5552
TELEFAX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 nucleotides

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-424-663-6

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 222 CATCTCCCTCAGCCCTC 238
DB 17 CCTCTCCCTCCTCCCTC 1

RESULT 875
US-08-405-702A-15
Sequence 15, Application US/08405702A
Patent No. 5789389
GENERAL INFORMATION:
APPLICANT: Tarasewicz, Dariusz G
APPLICANT: Schott, Brigitte
APPLICANT: Holzmayer, Tatiana A.
APPLICANT: Roninson, Igor B
TITLE OF INVENTION: BCL2 derived Genetic Elements Associated
TITLE OF INVENTION: with Sensitivity to Chemotherapeutic Drugs
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/405,702A
FILING DATE: 17-MAR-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: No. 5789389nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 95,332
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 910-221-5317
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-405-702A-15

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4101 CCTGAGAGCCAGCA 4117
DB 1 CCTGAGAGCCAGCA 17

RESULT 876
US-08-758-306-499
Sequence 499, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 499:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-499

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 2640 CCGCAGCTGCTGCTGC 2656
Db 2 CCUGCAGCUGCCCGC 18

RESULT 877
US-08-173-489C-218
Sequence 218, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSER: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44MB storage

COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Mordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 218:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from E. coli 238
HYPOTHETICAL: yes
ANTI-SENSE: no
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 218 :FROM 1 TO 18
US-08-173-489C-218

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 328 CTCCTGCTGCTTTCT 344
Db 1 CTCCTGCTGCTTTCT 17

RESULT 878
US-08-585-684B-2687
Sequence 2687, Application US/08585684B
Patent No. 587021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995

ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2687:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-2687

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGAG 2658
DB 1 UGUGUCUGCUGCUGCAG 17

RESULT 879
US-09-156-979-29/c
Sequence 29, Application US/09156979
Patent No. 5962672
GENERAL INFORMATION:
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF RHOB EXPRESSION
FILE REFERENCE: RTS-0013
CURRENT APPLICATION NUMBER: US/09/156,979
CURRENT FILING DATE: 1998-09-18
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 28
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-156-979-29

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1626 CTGCAGAGAGCTGGCCC 1642
DB 18 CCGCAGCAGAGCTGGCCC 2

RESULT 880
US-09-161-015-27/c
Sequence 27, Application US/09161015A
Patent No. 5965370
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF RHOG EXPRESSION
FILE REFERENCE: RTS-0015
CURRENT APPLICATION NUMBER: US/09/161,015A
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 27
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-015-27

Query Match 0.3%; Score 13.8; DB 1; Length 18;

83.1

Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1094 AGCCAGCCTGACACCC 1110
DB 17 AGCCAGCCTGACACCC 1

RESULT 881
US-08-872-446-6/c
Sequence 6, Application US/08872446
Patent No. 5969119
GENERAL INFORMATION:
APPLICANT: Macevicz, Stephen C.
TITLE OF INVENTION: DNA Sequencing by Parallel
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSER: Dehlinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/872,446
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/424,663
FILING DATE: 17-Apr-1995
ATTORNEY/AGENT INFORMATION:
NAME: Powers, Vincent M.
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0015/peclus
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-872-446-6

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 222 CATCTCCCTGACCTC 238
DB 17 CCTCTCCCTGACCTC 1

RESULT 882
US-08-872-446-10
Sequence 10, Application US/08872446
Patent No. 5969119
GENERAL INFORMATION:
APPLICANT: Macevicz, Stephen C.
TITLE OF INVENTION: DNA Sequencing by Parallel
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSER: Dehlinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto

STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/872,446
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/424,663
FILING DATE: 17-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Powers, Vincent M.
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0015/peolus
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-872-446-10

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 222 CATCTCCCTCACCCTC 238
DB 2 CCTCTCCCTCTCCCTC 18

RESULT 883
US-09-197-008-31/c
Sequence 31, Application US/09197008
Patent No. 5977341
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowert
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-BETA EXPRESSION
FILE REFERENCE: RTS-0019
CURRENT APPLICATION NUMBER: US/09/197,008
CURRENT FILING DATE: 1998-11-20
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 31
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-197-008-31

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2345 GTATTTTCAGAGCAC 2361
DB 17 GTATCTTCAGAGCCC 1

RESULT 884
US-09-255-993-41/c
Sequence 41, Application US/09255893A
Patent No. 6008344
GENERAL INFORMATION:

APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowert
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2 GROUP IV EXPRESSION
FILE REFERENCE: RTS-0055
CURRENT APPLICATION NUMBER: US/09/255,893A
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 41
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-255-893-41

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 576 GGAGGAGCTGAGGAGT 592
DB 18 GGAGGAGCTGAGGAGT 2

RESULT 885
US-09-344-520-43/c
Sequence 43, Application US/09344520
Patent No. 6037176
GENERAL INFORMATION:
APPLICANT: Frank Bennett
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowert
TITLE OF INVENTION: ANTISENSE MODULATION OF Integrin beta 3 EXPRESSION
FILE REFERENCE: RTS-0070
CURRENT APPLICATION NUMBER: US/09/344,520
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 43
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-520-43

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4794 CCGCCACTCAGCAGCT 4810
DB 17 CCGACTCTCAGCAGCT 1

RESULT 886
US-09-339-993-32/c
Sequence 32, Application US/09339993A
Patent No. 6040179
GENERAL INFORMATION:
APPLICANT: Lex M. Cowert
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-12 EXPRESSION
FILE REFERENCE: RTS-0064
CURRENT APPLICATION NUMBER: US/09/339,993A
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 32
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-993-32

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3314 AGAACCACTGATGAC 3330
DB 18 AGAACCACTGAAGAC 2

RESULT 887
US-09-344-579-41/C
; Sequence 41, Application US/09344579
; Patent No. 6054316
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF ETS-2 EXPRESSION
; FILE REFERENCE: RTS-0063
; CURRENT APPLICATION NUMBER: US/09/344,579
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 41
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-579-41

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 149 AGGACCCAGAGAGGA 165
DB 18 AGGACCCAGAGAGGCA 2

RESULT 888
US-09-280-409-78/C
; Sequence 78, Application US/09280409
; Patent No. 6107092
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409
; CURRENT FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 78
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-78

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2420 TGTCTATGCTTGAG 2436
DB 18 TGTCTATGCTTGAG 2

RESULT 889
US-08-937-063-11
; Sequence 11, Application US/08937063
; Patent No. 6187534
; GENERAL INFORMATION:

APPLICANT: STROM, TERRY B.
APPLICANT: VASCONCELOS, LAURO
APPLICANT: SUTHANTHIRAN, MANIKAM
TITLE OF INVENTION: METHODS OF EVALUATING TRANSPLANT
TITLE OF INVENTION: REJECTION
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSER: HAMILTON, BROOK, SMITH & REYNOLDS
STREET: TWO MILLITIA DRIVE
CITY: LEXINGTON
STATE: MASSACHUSETTS
COUNTRY: UNITED STATES
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/937,063
FILING DATE: 24-SEP-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: GRANAHAN, PATRICIA
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: BIDMC97-01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 861-6240
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-937-063-11

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3439 GCCCTGAGACAGAGA 3455
DB 1 GCCGTGAGACAGGTGAA 17

RESULT 890
US-09-038-073-2687
; Sequence 2687, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 488-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2687:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2687

Query Match 0.3%, Score 13.8; DB 1; Length 18;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

OY 2642 TGCAGTCTGCTGCTGAG 2658
DB 1 UGUGUCUCUCUCUCAG 17

RESULT 891
US-09-280-270A-6/c
Sequence 6, Application US/09280270A
Patent No. 6306597
GENERAL INFORMATION:
APPLICANT: Macevitz, Stephen C.
TITLE OF INVENTION: DNA Sequencing by Parallel
Oligonucleotide Extensions
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSER: Dehlinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,270A
FILING DATE: 29-Mar-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/424,663
FILING DATE: 17-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Powers, Vincent M.
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0015/peolus
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-280-270A-6

Query Match 0.3%, Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 222 CATCTCCCTCACCCTC 238
DB 17 CCTCTCCCTCCTCCCTC 1

RESULT 892
US-09-280-270A-10
Sequence 10, Application US/09280270A
Patent No. 6306597
GENERAL INFORMATION:
APPLICANT: Macevitz, Stephen C.
TITLE OF INVENTION: DNA Sequencing by Parallel
Oligonucleotide Extensions
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSER: Dehlinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,270A
FILING DATE: 29-Mar-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/424,663
FILING DATE: 17-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Powers, Vincent M.
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0015/peolus
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-280-270A-10

Query Match 0.3%, Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 222 CATCTCCCTCACCCTC 238
DB 2 CCTCTCCCTCCTCCCTC 18

RESULT 893
US-08-584-040-8345
Sequence 8345, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE

```

; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8345:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8345

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 4802 TCAGCAGCTGAGATC 4818
DB 2 UCAGCAGCUCAGUGUC 18

RESULT 894
US-08-584-040-8376
; Sequence 8376, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
```

```

; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8376:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8376

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 6.2e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3111 CAACGAGCCCTGACCG 3127
DB 2 CAACGAGCCCGGACG 18

RESULT 895
US-09-723-535-41/C
; Sequence 41, Application US/09723535
; Patent No. 6355483
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowest
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-2 EXPRESSION
; FILE REFERENCE: RTS-0225
; CURRENT APPLICATION NUMBER: US/09/723,535
; CURRENT FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 41
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-723-535-41

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAATC 1202
DB 18 AGAGAGAGAGAAATC 2

RESULT 896
US-09-387-341-90/C
; Sequence 90, Application US/09387341
; Patent No. 6410323
; GENERAL INFORMATION:
```

```
APPLICANT: Roberte, M. Luisa
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
TITLE OF INVENTION: Expression
FILE REFERENCE: ISPH-0404
CURRENT APPLICATION NUMBER: US/09/387,341
CURRENT FILING DATE: 1999-08-31
EARLIER APPLICATION NUMBER: 09/156,424
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,979
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,807
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/161,015
EARLIER FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 233
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 90
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-90
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 1626 CTGCAGAGCTGCGCC 1642
Db 18 CCGCAGAGCTGCGCC 2
```

```
RESULT 897
US-09-387-341-170/c
Sequence 170, Application US/09387341
Patent No. 6410323
GENERAL INFORMATION:
APPLICANT: Roberte, M. Luisa
APPLICANT: Cowert, Lex M.
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
FILE REFERENCE: ISPH-0404
CURRENT APPLICATION NUMBER: US/09/387,341
CURRENT FILING DATE: 1999-08-31
EARLIER APPLICATION NUMBER: 09/156,424
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,979
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,807
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/161,015
EARLIER FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 233
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 170
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-170
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 1094 AGCCGAGCTGACACC 1110
Db 17 AGCCGAGCTGACACC 1
```

```
RESULT 898
US-09-000-286A-21/c
Sequence 21, Application US/09000286A
Patent No. 6449562
GENERAL INFORMATION:
APPLICANT: Lumindex Corporation
APPLICANT: Chandler, Van S.
APPLICANT: Fulton, Jerrold R.
APPLICANT: Chandler, Mark B.
TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus and Method
FILE REFERENCE: 112802.500
CURRENT APPLICATION NUMBER: US/09/000,286A
CURRENT FILING DATE: 1998-08-18
PRIOR APPLICATION NUMBER: PCT/US96/16198
PRIOR FILING DATE: 1996-10-10
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.1
SEQ ID NO 21
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-09-000-286A-21
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 3703 TCTCTGCTCTCAAG 3719
Db 18 TCTCTGCTCTCAAG 2
```

```
RESULT 899
US-09-000-286A-22
Sequence 22, Application US/09000286A
Patent No. 6449562
GENERAL INFORMATION:
APPLICANT: Lumindex Corporation
APPLICANT: Chandler, Van S.
APPLICANT: Fulton, Jerrold R.
APPLICANT: Chandler, Mark B.
TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus and Method
FILE REFERENCE: 112802.500
CURRENT APPLICATION NUMBER: US/09/000,286A
CURRENT FILING DATE: 1998-08-18
PRIOR APPLICATION NUMBER: PCT/US96/16198
PRIOR FILING DATE: 1996-10-10
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.1
SEQ ID NO 22
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-09-000-286A-22
```

```
Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 3703 TCTCTGCTCTCAAG 3719
Db 1 TCTCTGCTCTCAAG 17
```

```
RESULT 900
US-09-422-978-4081
Sequence 4081, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density....
```

```
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4081
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-13215 for SEQ 147,
US-09-422-978-4081
```

```
Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      919 GAGAGAGCGTTTGTGAG 935
Db      1 GAGAGATGCTTTTGTGAG 17
```

```
RESULT 901
US-09-422-978-5068/c
Sequence 5068, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5068
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-2063 for SEQ 1134,
US-09-422-978-5068
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```
Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1175 AAATCAGAGAAAGAG 1191
Db      17 AAATGAGAGAGAGAG 1
```

```
RESULT 902
US-09-422-978-6365
Sequence 6365, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
```

```
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6365
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-10974 for SEQ 2431,
US-09-422-978-6365
```

```
Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      3523 GGAGAGATGATGATAG 3539
Db      2 GGAGAGATGAGATAG 18
```

```
RESULT 903
US-09-422-978-11314/c
Sequence 11314, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11314
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-4193 for SEQ 3449, in complemer
US-09-422-978-11314
```

```
Query Match      0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      806 CATTCCCTACAGCCCA 822
Db      18 CATTCTCTTACGCCCA 2
```

```
RESULT 904
US-09-422-978-11394
Sequence 11394, Application US/09422978
```

Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11394
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-5059 for SEQ 3529, in compleme
US-09-422-978-11394

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3475 AGCAGACGAAACCAAG 3491
DB 2 AGCAGACGAGACCAAG 18

RESULT 905
US-09-371-772B-4001
Sequence 4001, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 4001
LENGTH: 18
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-4001

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 4802 TCAGACGCTGAATATC 4818
DB 2 UCAGAGCUCAGAGUC 18

RESULT 906
US-09-371-772B-4032

Sequence 4032, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 4032
LENGTH: 18
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-4032

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 6.2e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3111 CAACGAGCCCTGACCG 3127
DB 2 CAACGAGCCCTGACG 18

RESULT 907
US-09-679-298A-30/C
Sequence 30, Application US/09679298A
Patent No. 6566131
GENERAL INFORMATION:
APPLICANT: Brett P. Monla
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD6 EXPRESSION
FILE REFERENCE: RTS-0045
CURRENT APPLICATION NUMBER: US/09/679,298A
CURRENT FILING DATE: 2001-03-05
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 30
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-298A-30

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2643 GCAGCTGCTGCTGAGC 2659
DB 17 GCTGCTGCTGCTGAGC 1

RESULT 908
US-09-738-444A-24
Sequence 24, Application US/09738444A
Patent No. 6660475
GENERAL INFORMATION:
APPLICANT: Jack, William E.
APPLICANT: Schildkraut, Ira
APPLICANT: Menin, Julie F.
APPLICANT: Greenough, Lucia
TITLE OF INVENTION: Use of Site-Specific Nicking Endonucleases to Create

```

; TITLE OF INVENTION: Single-Stranded Regions And Applications Thereof
; FILE REFERENCE: NEB-180
; CURRENT APPLICATION NUMBER: US/09/738,444A
; CURRENT FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Theoretical
; US-09-738-444A-24

Query Match
Best Local Similarity 88.2%; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2962 GACCTAAGTGAACATC 2978
DB 2 GACCTAAGCGATATCTC 18

RESULT 909
US-09-032-438C-97/C
; Sequence 97, Application US/09032438C
; Patent No. 6713300
; GENERAL INFORMATION:
; APPLICANT: Rattner, Amir
; APPLICANT: Sun, Hui
; APPLICANT: Lupski, James R.
; APPLICANT: Mathans, Jeremy
; APPLICANT: Anderson, Kent L.
; APPLICANT: Leppert, Mark
; APPLICANT: Dean, Michael
; APPLICANT: Singh, Nanda
; APPLICANT: Shroyer, No. 6713300h F.
; APPLICANT: Smallwood, Philip M.
; APPLICANT: Allikmets, Rande
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette
; TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify
; FILE REFERENCE: BYLR-0065
; CURRENT APPLICATION NUMBER: US/09/032,438C
; CURRENT FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: US 60/039,388
; PRIOR FILING DATE: 1997-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 97
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
; US-09-032-438C-97

Query Match
Best Local Similarity 0.3%; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3686 AACCTTGTGCGGCGCT 3702
DB 17 AGCTCTGTGCTGCTCCT 1

RESULT 910
US-09-529-239D-45
; Sequence 45, Application US/09529239D
; Patent No. 6734019
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; GENERAL INFORMATION:
; APPLICANT: Doutriaux, Marie-Pascale
; APPLICANT: Belzner, Andreas
; APPLICANT: Freysinet, Georges
; APPLICANT: Perez, Pascal
; TITLE OF INVENTION: METHOD FOR OBTAINING PLANT VARIETIES
; FILE REFERENCE: A33153-PCT-USA 072667.0128
; CURRENT APPLICATION NUMBER: US/09/529,239D
; CURRENT FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: PCT/EP98/06977
; PRIOR FILING DATE: 1998-10-09
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatSeq for Windows Version 4.0
; SEQ ID NO 45
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse primer for PCR amplification of NGA63 SLP
; US-09-529-239D-45

Query Match
Best Local Similarity 88.2%; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 819 CCCAAGTGAACCCACC 835
DB 2 CCCAAGTATCGCCACC 18

RESULT 911
US-09-865-879-44/C
; Sequence 44, Application US/09865879
; Patent No. 6767705
; GENERAL INFORMATION:
; APPLICANT: Robinson, Igor
; APPLICANT: Dokmanovic, Milos
; APPLICANT: Chang, Bey-Dih
; TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION OF
; TITLE OF INVENTION: REGULATED BY RETINOIDS
; FILE REFERENCE: 99,216-H
; CURRENT APPLICATION NUMBER: US/09/865,879
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/207,535
; PRIOR FILING DATE: 2000-05-26
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Antisense primer for beta-IG-H3 reporter gene construction
; US-09-865-879-44

Query Match
Best Local Similarity 0.3%; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3822 TCACCTCCCTGTAGCTG 3838
DB 17 TCACCTCCCTGTGAGCG 1

RESULT 912
US-09-544-398B-422
; Sequence 422, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
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/ APPLICANT: Recker, Robert R.
/ TITLE OF INVENTION: High bone mass gene of 11q13.3
/ FILE REFERENCE: 032796-013
/ CURRENT APPLICATION NUMBER: US/09/544,398B
/ PRIOR FILING DATE: 2002-06-10
/ PRIOR APPLICATION NUMBER: US 09/229,319
/ PRIOR FILING DATE: 1999-01-13
/ PRIOR APPLICATION NUMBER: US 60/071,449
/ PRIOR FILING DATE: 1998-01-13
/ PRIOR APPLICATION NUMBER: US 60/105,511
/ PRIOR FILING DATE: 1998-10-23
/ NUMBER OF SEQ ID NOS: 641
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 422
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-544-398B-422

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2888 GGGTCCGATCAGAT 2904
DB 2 GAGCCGATCAGAT 18

RESULT 913
US-09-142-108C-27/c
/ Sequence 27, Application US/09142108C
/ Patent No. 6774285
/ GENERAL INFORMATION:
/ APPLICANT: Brugliera, Filippo
/ APPLICANT: Holton, Timothy A.
/ APPLICANT: Michael, Michael Z.
/ TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 11658
/ CURRENT APPLICATION NUMBER: US/09/142,108C
/ CURRENT FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: P8366
/ PRIOR FILING DATE: 1996-03-01
/ NUMBER OF SEQ ID NOS: 45
/ SOFTWARE: Patent Ver. 2.1
/ SEQ ID NO 27
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
/ US-09-142-108C-27

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAA 5408
DB 18 TAAAAAATACAAAAA 2

RESULT 914
PCT-US91-03680-73/c
/ Sequence 73, Application PC/TUS9103680
/ GENERAL INFORMATION:
/ APPLICANT: Matcucci, Mark D.
/ APPLICANT: Krawczyk, Steven
/ TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
/ TITLE OF INVENTION: CROSS-LINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
/ TITLE OF INVENTION: DUPLICATION DNA
/ NUMBER OF SEQUENCES: 158
```

```
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Morrison & Foerster
/ STREET: 545 Middlefield Road, Suite 200
/ CITY: Menlo Park
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94025
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US91/03680
/ FILING DATE: 19910524
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Murashige, Kate H.
/ REGISTRATION NUMBER: 29,959
/ REFERENCE/DOCKET NUMBER: 4610-0011.40
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-327-7250
/ TELEFAX: 415-327-2951
/ TELEX: 706141
/ INFORMATION FOR SEQ ID NO: 73:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: NUCLEIC ACID
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ FEATURE:
/ NAME/KEY: modified_base
/ LOCATION: 5
/ OTHER INFORMATION: /mod_base= OTHER
/ OTHER INFORMATION: /note= "5-methylcytosine"
/ FEATURE:
/ NAME/KEY: modified_base
/ LOCATION: 18
/ OTHER INFORMATION: /mod_base= OTHER
/ OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
/ PCT-US91-03680-73

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5397 AATACAAAAAGAAAA 5413
DB 17 AAAAAAAGAAAAA 1

RESULT 915
US-08-255-892-63/c
/ Sequence 63, Application US/08255892
/ Patent No. 5695926
/ GENERAL INFORMATION:
/ APPLICANT: CROS, PHILIPPE
/ APPLICANT: ALIBERT, PATRICK
/ APPLICANT: MALLET, FRANCOIS
/ APPLICANT: MARIAT, CLAUDE
/ APPLICANT: MANDRAND, BERNARD
/ TITLE OF INVENTION: PROCEDURE FOR DETECTION OF A NUCLEOTIDE
/ TITLE OF INVENTION: SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION
/ TITLE OF INVENTION: TECHNIQUE
/ NUMBER OF SEQUENCES: 113
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: CUSHMAN, DARBY & CUSHMAN
/ STREET: 1100 NEW YORK AVENUE, N.W.
/ CITY: WASHINGTON
/ STATE: D.C.
/ COUNTRY: USA
/ ZIP: 20005
/ COMPUTER READABLE FORM:
```

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/255,892
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/834,543
FILING DATE: 11-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: DEEVER, DONALD B.
REGISTRATION NUMBER: 23,048
REFERENCE/DOCKET NUMBER: 1032/94109
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
TELEFAX: 202-882-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-255-892-63

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2517 GTTGGGGCATCAACCA 2533
Db 19 GTCTGGGGCATCAACCA 3

RESULT 916
US-08-379-680-7
Sequence 7, Application US/08379680
Patent No. 5702890
GENERAL INFORMATION:
APPLICANT: Housman, David E.
TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES
TITLE OF INVENTION: OF GENES AS A BASIC FOR CANCER
TITLE OF INVENTION: THERAPEUTIC AGENTS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,680
FILING DATE: April 4, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/08473
FILING DATE: July 26, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/112
TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-379-680-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1029 AACCCAGAGTCACCCA 1045
Db 2 AACCCAGAGTCACCCA 18

RESULT 917
US-08-796-883-7
Sequence 7, Application US/08796883
Patent No. 5744353
GENERAL INFORMATION:
APPLICANT: Herman, Jean; Coulie, Pierre;
APPLICANT: Boon-Palleur, Thierry; van der Bruggen, Pierre;
APPLICANT: Luescher, Immanuel.
TITLE OF INVENTION: Tumor Rejection Antigens Presented By
TITLE OF INVENTION: HLA-B*44 Molecules, And Uses Thereof
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felte & Lynch
STREET: 805 Third Avenue
CITY: New York City
STATE: New York
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
COMPUTER: IBM
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/796,883
FILING DATE: 06-FEB-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/602,506
FILING DATE: 20-FEBRUARY-1996
APPLICATION NUMBER: 08/531,864
FILING DATE: 21-SEPTEMBER-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,636
FILING DATE: 17-JANUARY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/253,503
FILING DATE: 3-JUNE-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 5744353man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5436
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
FEATURE: PCR primer

US-08-796-883-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;

Best Local Similarity 88.2%; Pred. No. 6.5e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4691 AGTCCTGGACCGGAG 4707

Db 3 AGTATTGGACCGGAG 19

RESULT 918

US-08-832-883-25

Sequence 25, Application US/08832883

Patent No. 5807681

GENERAL INFORMATION:

APPLICANT: Giordano, Antonio

APPLICANT: Baldi, Alphonso

TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS

TITLE OF INVENTION: OF CANCER

NUMBER OF SEQUENCES: 115

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEIDEL, GONDA, LAVORGNA & MONACO, P.C.

STREET: Suite 1800 Two Penn Center Plaza

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19102

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/832,883

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Monaco, Daniel A

REGISTRATION NUMBER: 30,480

REFERENCE/DOCKET NUMBER: 8321-13 US1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-8383

TELEFAX: (215) 568-5549

INFORMATION FOR SEQ ID NO: 25:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-832-883-25

Query Match 0.3%; Score 13.8; DB 1; Length 19;

Best Local Similarity 88.2%; Pred. No. 6.5e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1988 ATTCTACAGATTTC 2004

Db 1 ATTCTACAGAAATTGC 17

RESULT 919

US-08-832-877-25

Sequence 25, Application US/08832877

Patent No. 5840506

GENERAL INFORMATION:

APPLICANT: Giordano, Antonio

TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS OF

TITLE OF INVENTION: CANCER

NUMBER OF SEQUENCES: 116

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEIDEL, GONDA, LAVORGNA & MONACO, P.C.

STREET: Suite 1800 Two Penn Center Plaza

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19102

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/832,877

FILING DATE:

CLASSIFICATION: 436

ATTORNEY/AGENT INFORMATION:

NAME: Monaco, Daniel A

REGISTRATION NUMBER: 30,480

REFERENCE/DOCKET NUMBER: 8321-13 US2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-8383

TELEFAX: (215) 568-5549

INFORMATION FOR SEQ ID NO: 25:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-832-877-25

Query Match 0.3%; Score 13.8; DB 1; Length 19;

Best Local Similarity 88.2%; Pred. No. 6.5e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1988 ATTCTACAGATTTC 2004

Db 1 ATTCTACAGAAATTGC 17

RESULT 920

US-08-525-864A-16/c

Sequence 16, Application US/08525864A

Patent No. 5912326

GENERAL INFORMATION:

APPLICANT: Chang, Han

TITLE OF INVENTION: Cerebellum-derived Growth Factors, and Uses

TITLE OF INVENTION: Related thereto

NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD

STREET: 28 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Ascii (text)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/525,864A

FILING DATE: 8-SEP-1995

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: Kara, Catherine J.

REGISTRATION NUMBER: 41,106

REFERENCE/DOCKET NUMBER: HUI-017

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)742-4214

TELEFAX: (617)742-4214

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-08-525-864A-16

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4699 GACCGAGTGCAGAG 4715
DB 18 GCCCGAGATGCATGA 2

RESULT 921
US-08-531-864-7
Sequence 7, Application US/08531864
Patent No. 5977300
GENERAL INFORMATION:
APPLICANT: Coulie, Pierre; Boon-Falleur, Thierry
TITLE OF INVENTION: Isolated No. 5977300a- and Decapeptides Which
TITLE OF INVENTION: Bind to HLA-B44 Molecules And The Use Thereof
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felte & Lynch
STREET: 805 Third Avenue
CITY: New York City
STATE: New York
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
COMPUTER: IBM
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,864
FILING DATE: 21-September-1995
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,636
FILING DATE: 17-JANUARY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/253,503
FILING DATE: 3-JUNE-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 5977300man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5378.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
FEATURE:
NAME/KEY: PCR primer
US-08-531-864-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 4691 AGTCTGGAGCCGAG 4707
DB 3 AGTATTGGAGCCGAG 19

RESULT 922

US-08-373-636C-7
Sequence 7, Application US/08373636C
Patent No. 5997870

GENERAL INFORMATION:
APPLICANT: Coulie, Pierre; Boon-Falleur, Thierry
TITLE OF INVENTION: Isolated Nucleic Acid Molecules Which Codes
NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:

ADDRESSEE: Felte & Lynch

STREET: 805 Third Avenue

CITY: New York City

STATE: New York

ZIP: 10022

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage

COMPUTER: IBM

OPERATING SYSTEM: PC-DOS

SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,636C

FILING DATE: 17-JANUARY-1995

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/253,503

FILING DATE: 3-JUNE-1994

ATTORNEY/AGENT INFORMATION:

NAME: Hanson, No. 5997870man D.

REGISTRATION NUMBER: 30,946

REFERENCE/DOCKET NUMBER: LUD 5378.2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 688-9200

TELEFAX: (212) 838-3884

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: nucleic acid

FEATURE:
NAME/KEY: PCR primer
US-08-373-636C-7

For A

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25 (ERO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/858, 876A
FILING DATE: 19-SEP-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FR 9723204
FILING DATE: 17-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,049
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-858-876A-11

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 32 TGGAGCCAGCAGCCCG 48
DB 2 TGGAMACGACAGCCCG 18

RESULT 924
US-08-967-454-7
Sequence 7, Application US/08967454
Patent No. 6054273
GENERAL INFORMATION:
APPLICANT: Hausman, David E.
TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES
TITLE OF INVENTION: OF GENES AS A BASIC FOR CANCER
TITLE OF INVENTION: THERAPEUTIC AGENTS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Fastseq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/967,454
FILING DATE: No. 6054273ember 11, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/379, 680
FILING DATE: April 4, 1995
CLASSIFICATION: 435
APPLICATION NUMBER: PCT/US94/08473
FILING DATE: July 26, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/239
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-967-454-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1029 AAGCCAGAGTCACCCA 1045
DB 2 AAGCCATGATACACCCA 18

RESULT 925
US-08-602-506A-7
Sequence 7, Application US/08602506A
Patent No. 6060257
GENERAL INFORMATION:
APPLICANT: Herman, Jean; Coulle, Pierre;
APPLICANT: Boon-Failleu, Thierry; van der Bruggen, Pierre;
APPLICANT: Luescher, Immanuel.
TITLE OF INVENTION: Tumor Rejection Antigens Presented By HLA-
TITLE OF INVENTION: 844 Molecules, And Uses Thereof
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felte & Lynch
STREET: 805 Third Avenue
CITY: New York City
STATE: New York
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
COMPUTER: IBM
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/602,506A
FILING DATE: 20-FEBRUARY-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/531, 864
FILING DATE: 21-SEPTEMBER-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373, 636
FILING DATE: 17-JANUARY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/253, 503
FILING DATE: 3-JUNE-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 6060257man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5436
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 638-3884
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
FEATURE:
NAME/KEY: PCR primer
US-08-602-506A-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-946-732-1

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservativity 0; Mismatches 2; Indels 0; Gaps 0;

QY 4805 GCAGCTGATGATTCAC 4821
DB 17 GCAGTGTATGATTCAC 1

RESULT 929
US-08-974-549A-449/C
Sequence 449, Application US/08974549A
Patent No. 6166178
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin B.
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 727
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,549A
FILING DATE: 19-NOV-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17618
FILING DATE: 01-OCT-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17885

FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph Ted
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-00261005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 449:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..19
OTHER INFORMATION: /note="TCP1.78 primer"
US-08-974-549A-449

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservativity 0; Mismatches 2; Indels 0; Gaps 0;

QY 4683 CTTGAGCCGCTGCGG 4699
DB 17 CTTGAGCCTGCTGCGG 1

RESULT 930
US-09-266-294-7
Sequence 7, Application US/09266294
Patent No. 6171806
GENERAL INFORMATION:
APPLICANT: Coulie, Pierre; Boon-Falleur, Thierry
TITLE OF INVENTION: Isolated No. 6171806a- and Decapeptides Which
TITLE OF INVENTION: Bind to HLA-B44 Molecules And the Use Thereof
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felle & Lynch
STREET: 805 Third Avenue
CITY: New York City
STATE: New York
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
COMPUTER: IBM
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/266,294
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/531,864
FILING DATE: 21-September-1995
APPLICATION NUMBER: 08/373,636
FILING DATE: 17-JANUARY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/253,503
FILING DATE: 3-JUNE-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 6171806man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5378.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
FEATURE:
NAME/KEY: PCR primer
US-09-266-294-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4691 AGTCCTGGAGCCGGAAG 4707
DB 3 AGTATTGGAGCCGGAAG 19

RESULT 931
US-09-092-077-17/c
Sequence 17, Application US/09092077
Patent No. 6194142
GENERAL INFORMATION:
APPLICANT: Moncanay, Maurice
APPLICANT: Montanier, Luc
TITLE OF INVENTION: Nucleotide Sequences Derived From The
TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,
TITLE OF INVENTION: And Their Uses In Particular For The Amplification Of The
TITLE OF INVENTION: Genomes Of These Retroviruses And For The In Vitro Diagnosis
TITLE OF INVENTION: Of The Diseases Due To Those Viruses
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/092.077
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/472.928
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/160.465
FILING DATE: 02-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 8912371
FILING DATE: 20-SEP-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 8907354
FILING DATE: 06-FEB-1989
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 02356.0062-02000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)408-4000
TELEFAX: (202)408-4400
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-092-077-17

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1523 GGGCTGCTGGAATGGG 1539
DB 18 GGGCTGCTGGAATGG 2

RESULT 932
US-09-179-281-7
Sequence 7, Application US/09179281
Patent No. 624533
GENERAL INFORMATION:
APPLICANT: Coulie, Pierre; Boon-Falleur, Thierry
TITLE OF INVENTION: Isolated Nucleic Acid Molecules Which Codes
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felle & Lynch
STREET: 805 Third Avenue
CITY: New York City
STATE: New York
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
COMPUTER: IBM
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/179.281
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373.636
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 624533man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5378.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
FEATURE:
NAME/KEY: PCR primer
US-09-179-281-7

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4691 AGTCCTGGAGCCGGAAG 4707
DB 3 AGTATTGGAGCCGGAAG 19

RESULT 933
US-09-215-221-45
Sequence 45, Application US/09215221
Patent No. 6265562
GENERAL INFORMATION:
APPLICANT: BILERS, MARTIN
APPLICANT: BUERGIN, ANDREA
APPLICANT: SEDLACEK, HANS-HARALD
TITLE OF INVENTION: NUCLEIC ACID CONSTRUCTS WHOSE ACTIVITY IS AFFECTED BY
TITLE OF INVENTION: INHIBITORS OF CYCLIN-DEPENDANT KINASES AND USES THEREOF
FILE REFERENCE: 026083/0192

;; CURRENT APPLICATION NUMBER: US/09/215,221
;; CURRENT FILING DATE: 1998-12-18
;; PRIOR APPLICATION NUMBER: 197 56 975.7
;; PRIOR FILING DATE: 1997-12-20
;; NUMBER OF SEQ ID NOS: 57
;; SOFTWARE: Patent In Ver. 2.1
;; SEQ ID NO: 45
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURES:
;; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-215-221-45

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1739 TCTTCATCTCGATGCT 1755
DB 2 TCTTCATCTCTGCTGCT 18

RESULT 934
US-09-489-869-4/c
; Sequence 4, Application US/09489869A
; Patent No. 6268151
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Myatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
; FILE REFERENCE: PFS-0110
; CURRENT APPLICATION NUMBER: US/09/489,869A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO: 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: PCR Primer
US-09-489-869-4

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3116 AGACCTGACCGAGCTG 3132
DB 17 AGACCTGTCTCCGAGCTG 1

RESULT 935
US-09-472-880-11
; Sequence 11, Application US/09472880
; Patent No. 6274333
; GENERAL INFORMATION:
; APPLICANT: Daniel CAPUT
; APPLICANT: Pascale CHALON
; APPLICANT: Pascual FERRARA
; APPLICANT: Vito NATALIO
; TITLE OF INVENTION: Type 2 Neurotensin Receptor
; (INT-R2)
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Jacobson, Price, Holman & Stern, PLLC
; STREET: 400 Seventh Street
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:

;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.25 (BPO)
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/472,880
;; FILING DATE: 28-Dec-1999
;; CLASSIFICATION: <Unknown>
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: PCT/FR 9723204
;; FILING DATE: 17-MAR-1997
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Player, William E.
;; REGISTRATION NUMBER: 31,049
;; INFORMATION FOR SEQ ID NO: 11:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-09-472-880-11

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 32 TGGAGCCGACGACCCG 48
DB 2 TGGAAACGACGACCCG 18

RESULT 936
US-09-397-915-1/c
; Sequence 1, Application US/09397915
; Patent No. 6280949
; GENERAL INFORMATION:
; APPLICANT: Lizardi, Paul M.
; TITLE OF INVENTION: Multiple Displacement Amplification
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Patrea L. Pabst
; STREET: 2800 One Atlantic Center
; STREET: 1201 West Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30306-3450
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/397,915
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/946,732
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Pabst, Patrea L.
; REGISTRATION NUMBER: 31,284
; REFERENCE/DOCKET NUMBER: Y0119
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404) 873-8794
; TELEFAX: (404) 873-8795
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-197-915-1

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4805 GCAGCTGAAGTATCAAC 4821
DB 17 GCAGTTGATGATCAAC 1

RESULT 937
US-09-144-367-53/c
Sequence 53, Application US/09144367
Patent No. 6432639
GENERAL INFORMATION:
APPLICANT: Lichter, Jay
APPLICANT: Guido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/09/144,367
CURRENT FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/058,612
PRIOR FILING DATE: 1997-09-10
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 53
LENGTH: 19
TYPE: DNA
ORGANISM: H. sapiens
US-09-144-367-53

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1185 AAGAGAGAGAGAAAT 1201
DB 17 AAGAGAGAAAGTAAAT 1

RESULT 938
US-09-018-125-3
Sequence 3, Application US/09018125A
Patent No. 6468983
GENERAL INFORMATION:
APPLICANT: Silverman, Robert H.
APPLICANT: Kondo, Seiji
APPLICANT: Cowell, John K.
APPLICANT: Li, Guiying
APPLICANT: Torrence, Paul F.
TITLE OF INVENTION: RNASE L ACTIVATORS AND ANTISENSE OLIGONUCLEOTIDES
TITLE OF INVENTION: EFFECTIVE TO TREAT TELOMERASE-EXPRESSING MALIGNANCIES
FILE REFERENCE: 8656-022
CURRENT APPLICATION NUMBER: US/09/018,125A
CURRENT FILING DATE: 1999-02-03
EARLIER APPLICATION NUMBER: 60/044,507
EARLIER FILING DATE: 1997-04-21
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide
US-09-018-125-3

Query Match 0.3%; Score 13.8; DB 1; Length 19;

Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 863 CCGAGTGTAAATGCC 879
DB 3 CCGCGTGTAAATGCTC 19

RESULT 939
US-08-912-951-216/c
Sequence 216, Application US/08912951
Patent No. 6475789
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morlin, Gregg B.
APPLICANT: Hatley, Calvin
APPLICANT: Andrews, William H.
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
TITLE OF INVENTION: THERAPEUTIC METHODS
NUMBER OF SEQUENCES: 335
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,951
FILING DATE: 14-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 216:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

US-08-912-951-216

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4683 CTTGAGCAGCTCTGGG 4699
DB 17 CTTGAGCCTGTCTGGG 1

RESULT 940

US-09-422-978-4994
Sequence 4994, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSER 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4994
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-2007 for SEQ 1060,
US-09-422-978-4994

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAAA 1200
DB 2 AAAGAGAGAGAGAAA 18

RESULT 941

US-09-755-665-74
Sequence 74, Application US/09755665
Patent No. 6600019
GENERAL INFORMATION:
APPLICANT: Prayaga, Sudhir Das K.
APPLICANT: Majumder, Kumud
APPLICANT: Tallion, Bruce E.
APPLICANT: Spaderna, Steven K.
APPLICANT: Spytek, Kimberly A.
APPLICANT: MacDougall, John
TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 15966-631
CURRENT APPLICATION NUMBER: US/09/755,665
CURRENT FILING DATE: 2001-08-14
PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
PRIOR FILING DATE: 2000-01-06
NUMBER OF SEQ ID NOS: 118
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 74
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-09-755-665-74

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2950 CTGAGAGAGCTGAGACT 2966
DB 2 CTGAGAGAGCTGAGACT 18

RESULT 942

US-09-402-181B-449/c
Sequence 449, Application US/09402181B
Patent No. 6610839
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin B.
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 633
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,181B
FILING DATE: 29-Sep-1997
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Augenhue, Scott L.
REGISTRATION NUMBER: 42,271
REFERENCE/DOCKET NUMBER: 015389-00262005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 449:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..19
OTHER INFORMATION: /note="TCPI.78 primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 449
US-09-402-181B-449

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4683 CTTGAGCCAGTCTCTGGG 4699
| | | | | | | | | | | | | | | | | | | | |
Db 17 CGTGAGCCTGTCTCTGGG 1

RESULT 943
US-09-721-456-449/C
Sequence 449, Application US/09721456
Patent No. 6617110
GENERAL INFORMATION:
APPLICANT: Cecch, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin B.
Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 727
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/721,456
FILING DATE: 22-Jul-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/974,549A
FILING DATE: 19-Nov-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-Oct-1996
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-Apr-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-Apr-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-May-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-May-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-Aug-1997
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-Aug-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-Aug-1997
APPLICATION NUMBER: WO PCT/US97/17618
FILING DATE: 01-Oct-1997
APPLICATION NUMBER: WO PCT/US97/17865
FILING DATE: 01-Oct-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph Ted

REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 449:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..19
OTHER INFORMATION: /note="TCPI.78 primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 449;
US-09-721-456-449

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4683 CTTGAGCCAGTCTCTGGG 4699
| | | | | | | | | | | | | | | | | | | | |
Db 17 CGTGAGCCTGTCTCTGGG 1

RESULT 944
US-09-911-226-1/C
Sequence 1, Application US/09911226
Patent No. 6642034
GENERAL INFORMATION:
APPLICANT: Lizardi, Paul M.
TITLE OF INVENTION: Multiple Displacement Amplification
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Patrea L. Pabst
STREET: 2800 One Atlantic Center
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30306-3450
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/911,226
FILING DATE: 23-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/397,915
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/946,732
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Pabst, Patrea L.
REGISTRATION NUMBER: 31,284
REFERENCE/DOCKET NUMBER: YU119
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 873-8794
TELEFAX: (404) 873-8795
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO

ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-911-226-1

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4805 GCAGCTGAGTATCAAC 4821
DB 17 GCAGTATATATCAAC 1

RESULT 945

US-09-155-885A-64/C
Sequence 64, Application US/09155885A
Patent No. 6709812
GENERAL INFORMATION:

APPLICANT: STUYVER, LIEVEN
ROSSAU, RUDI

TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV

NUMBER OF SEQUENCES: 313

CORRESPONDENCE ADDRESSES:
ADDRESSEE: NIXON & VANDERHAYE P.C.

STREET: 1100 NORTH GLEBE ROAD

CITY: ARLINGTON

STATE: VIRGINIA

COUNTRY: U.S.A.

ZIP: 22201-4714

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/155,885A

FILING DATE: 08-OCT-1998

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/EP97/02002

FILING DATE: 21-APR-1997

APPLICATION NUMBER: EP 96870053.4

FILING DATE: 19-APR-1996

ATTORNEY/AGENT INFORMATION:

NAMES: SADOFF, B.U.

REGISTRATION NUMBER: 36,663

REFERENCE/DOCKET NUMBER: 2551-5

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 816-4000

TELEFAX: (703) 816-4100

INFORMATION FOR SEQ ID NO: 64:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

SEQUENCE DESCRIPTION: SEQ ID NO: 64:

US-09-155-885A-64

RESULT 946

QY 1522 GGGGCTGTGGAATTGG 1538
DB 18 GGAGCTGCTGGAATTGG 2

US-09-696-791-92/C
Sequence 92, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:

APPLICANT: Robbins, Joan M.

APPLICANT: Tiltz, Richard

TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

FILE REFERENCE: 480124.407

CURRENT APPLICATION NUMBER: US/09/696,791

CURRENT FILING DATE: 2000-10-25

NUMBER OF SEQ ID NOS: 4523

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 92

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Cdk1 ribozyme binding site

US-09-696-791-92

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4610 TGCTGAGCCAGAGCAG 4626
DB 19 TGCTGAGCCAGAGCAG 3

RESULT 947

US-09-696-791-744/C
Sequence 744, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:

APPLICANT: Robbins, Joan M.

APPLICANT: Tiltz, Richard

TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

FILE REFERENCE: 480124.407

CURRENT APPLICATION NUMBER: US/09/696,791

CURRENT FILING DATE: 2000-10-25

NUMBER OF SEQ ID NOS: 4523

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 744

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Cdk7 ribozyme binding site

US-09-696-791-744

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2450 GAGTAAACATTCAT 2466
DB 18 GAGTAAACATTCAT 2

RESULT 948

US-09-696-791-797/C
Sequence 797, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:

APPLICANT: Robbins, Joan M.

APPLICANT: Tiltz, Richard

TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

FILE REFERENCE: 480124.407

CURRENT APPLICATION NUMBER: US/09/696,791

CURRENT FILING DATE: 2000-10-25

```
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 797
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk7 ribozyme binding site
US-09-696-791-797

Query Match      0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2259 CTGGCAAAAAGAGACC 2275
Db      18 CTGGCAAAAAGAGACC 2

RESULT 949
US-09-696-791-798/c
; Sequence 798, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 798
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk7 ribozyme binding site
US-09-696-791-798

Query Match      0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2259 CTGGCAAAAAGAGACC 2275
Db      17 CTGGCAAAAAGAGACC 1

RESULT 950
US-09-696-791-2496
; Sequence 2496, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2496
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
US-09-696-791-2496

Query Match      0.3%; Score 13.8; DB 1; Length 19;
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```
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4103 TGGAGAGCCAGCCAGG 4119
Db      1 TGGAGAAATCAGCCAGG 17

RESULT 951
US-09-696-791-2573
; Sequence 2573, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2573
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin G1 ribozyme binding site
US-09-696-791-2573

Query Match      0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      342 CCTACCACTCCCTCT 358
Db      1 CCTACAGTCCCTCT 17

RESULT 952
US-09-696-791-3393/c
; Sequence 3393, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3393
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-696-791-3393

Query Match      0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4703 GGAAGTCAAGATGGA 4719
Db      19 GGAAGTCAAGATGGA 3

RESULT 953
US-09-696-791-3394/c
; Sequence 3394, Application US/09696791
```

Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3394
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURES:
OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-696-791-3394

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4703 GGAAGTGCAGAGATGCA 4719
DB 18 GGAAGTGCAGAGATGCA 2

RESULT 954
US-09-696-791-3750/c
Sequence 3750, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3750
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURES:
OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3750

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 963 CTGAGAGAAATCTCTG 979
DB 18 CTGAGAGAAATCTCTG 2

RESULT 955
US-09-696-791-3751/c
Sequence 3751, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 3751
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURES:
OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3751

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 963 CTGAGAGAAATCTCTG 979
DB 17 CTGAGAGAAATCTCTG 1

RESULT 956
US-08-973-857-6/c
Sequence 6, Application US/08973857
Patent No. 6221584
GENERAL INFORMATION:

APPLICANT: EMRICH, Thomas
APPLICANT: LEYING, Hermann
APPLICANT: HINZPETER, Matthias
APPLICANT: KARL, Gerlinde
TITLE OF INVENTION: METHOD FOR THE DETECTION OF
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESSES:
ADDRESSER: Nikaido, Marmelstein, Murray & Oram LLP
STREET: 655 Fifteenth St., NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-5701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,857
FILING DATE: 29-DEC-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP96/05245
FILING DATE: 11-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 19544317.9
FILING DATE: 28-NOV-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 19644302.4
FILING DATE: 24-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Berman, Richard J.
REGISTRATION NUMBER: 39,107
REFERENCE/DOCKET NUMBER: P564-7031
TELEPHONE: (202) 638-5000
TELEFAX: (202) 638-4810
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-973-857-6

Query Match 0.2%; Score 13.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 7.1e+02;
Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 5391 TTTAAAAATACAAAAA 5408
DB 19 DKAIAAAAAAAAAAAAAA 2

RESULT 957
US-09-357-073-22/C
; Sequence 22, Application US/09357073
; Patent No. 6033910
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cosseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF MAP KINASE KINASE 6 EXPRESSION
; FILE REFERENCE: RFS-0086
; CURRENT APPLICATION NUMBER: US/09/357,073
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-073-22

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2001 TTTCCAGATGAAAGGCAAG 2020
DB 20 TGCTCAGTCGAAAGCGAAG 1

RESULT 958
US-08-142-785-5
; Sequence 5, Application US/08142785
; Patent No. 5434257
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK D.
; APPLICANT: CAO, XIAODONG
; TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
; TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: GILEAD SCIENCES
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,785
; FILING DATE: 26-OCT-1993
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 169.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 574-3000
; TELEFAX: (415) 578-9264
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-142-785-5
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAA 1200
DB 1 AGAGAGAGAGAGAGAA 15

RESULT 959
US-08-142-785-6/C
; Sequence 6, Application US/08142785
; Patent No. 5434257
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK D.
; APPLICANT: CAO, XIAODONG
; TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
; TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: GILEAD SCIENCES
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,785
; FILING DATE: 26-OCT-1993
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 169.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 574-3000
; TELEFAX: (415) 578-9264
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-142-785-6

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAA 1200
DB 15 AGAGAGAGAGAGAGAA 1

RESULT 960
US-08-142-785-7
; Sequence 7, Application US/08142785
; Patent No. 5434257
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK D.
; APPLICANT: CAO, XIAODONG
; TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
; TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: GILEAD SCIENCES

STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,785
FILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-142-785-7

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
Db 1 AAAAAAGAGAGAGA 15

RESULT 961
US-08-142-785-8
Sequence 8, Application US/08142785
Patent No. 5434257
GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK D.
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-142-785-9

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,785
FILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-142-785-8

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
Db 1 AAAAAAGAGAGAGA 15

RESULT 962
US-08-142-785-9/C
Sequence 9, Application US/08142785
Patent No. 5434257
GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK D.
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-142-785-9

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,785
FILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-142-785-9

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
Db 1 AAAAAAGAGAGAGA 15

RESULT 963
US-08-142-785-10/C
Sequence 10, Application US/08142785
Patent No. 5434257
GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK D.
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:

TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESSES:
ADDRESSEE: GILBEAD SCIENCES
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,785
FILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(11, "")
OTHER INFORMATION: /note= "This position is thymidine
OTHER INFORMATION: with a 3'-allyl ether substitute linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(12, "")
OTHER INFORMATION: /note= "This position is thymidine
OTHER INFORMATION: with a 3'-allyl ether substitute linkage."
OTHER INFORMATION: with a 3'-allyl ether substitute linkage."
US-08-142-785-10
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1182 AGAAGAGAGAGAGA 1196
DB 15 AAAAAAGAGAGAGA 1
RESULT 964
US-08-142-785-11/c
Sequence 11, Application US/08142785
Patent No. 5434257
GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK D.
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESSES:
ADDRESSEE: GILBEAD SCIENCES
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,785
FILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(11, "")
OTHER INFORMATION: /note= "This position is thymidine
OTHER INFORMATION: with a 3'-allyl sulfide substitute link..."
OTHER INFORMATION: with a 3'-allyl sulfide substitute link..."
US-08-142-785-11

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,785
FILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(11, "")
OTHER INFORMATION: /note= "This position is thymidine
OTHER INFORMATION: with a 3'-allyl sulfide substitute link..."
OTHER INFORMATION: with a 3'-allyl sulfide substitute link..."
US-08-142-785-11
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1182 AGAAGAGAGAGAGA 1196
DB 15 AAAAAAGAGAGAGA 1
RESULT 965
US-08-142-785-12/c
Sequence 12, Application US/08142785
Patent No. 5434257
GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK D.
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESSES:
ADDRESSEE: GILBEAD SCIENCES
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,785
FILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 12:

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SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(11, "")
OTHER INFORMATION: /note= "This position is thymidine
OTHER INFORMATION: with a 3'-propylether substitute linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(13, "")
OTHER INFORMATION: /note= "This position is thymidine
OTHER INFORMATION: with a 3'-propylether substitute linkage."
US-08-142-785-12

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Pred. No. 6.3e+02;
Matches 14, Conservative 0, Mismatches 1, Indels 0, Gaps 0;

Cy 1182 AGAAGAGAGAGAGA 1196
Db 15 AAAAAGAGAGAGAGA 1

RESULT 966
US-08-142-785-13/c
Sequence 13, Application US/08142785
Patent No. 5434257
GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK D.
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSER: GILEAD SCIENCES
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94004
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,785
FILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(11, "")
OTHER INFORMATION: /note= "This position is thymidine
OTHER INFORMATION: with a 3'-propyl sulfide substitute linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(13, "")
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OTHER INFORMATION: /note= "This position is thymidine
OTHER INFORMATION: with a 3'-propyl sulfide substitute linkage."
US-08-142-785-13

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Pred. No. 6.3e+02;
Matches 14, Conservative 0, Mismatches 1, Indels 0, Gaps 0;

Cy 1182 AGAAGAGAGAGAGA 1196
Db 15 AAAAAGAGAGAGAGA 1

RESULT 967
US-07-799-824-1/c
Sequence 1, Application US/07799824
Patent No. 5484908
GENERAL INFORMATION:
APPLICANT: Froehner, Brian
APPLICANT: Jones, Robert J.
TITLE OF INVENTION: Enhanced Triple-Helix and
TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
TITLE OF INVENTION: Containing Modified Pyrimidines
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSER: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/799,824
FILING DATE: 19911126
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1
OTHER INFORMATION: /note= "T corresponds to thymine
OTHER INFORMATION: and C corresponds to 5-methylcytosine."
US-07-799-824-1

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Pred. No. 6.3e+02;
Matches 14, Conservative 0, Mismatches 1, Indels 0, Gaps 0;

Cy 1182 AGAAGAGAGAGAGA 1196
Db 15 AAAAAGAGAGAGAGA 1

RESULT 968
US-07-799-824-2/c
Sequence 2, Application US/07799824
```

```

; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Muraahige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
;
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: /note= "U corresponds to
; OTHER INFORMATION: 5-propynyl uracil, T corresponds to thymine, and
; OTHER INFORMATION: C corresponds to 5-methylcytosine."
;
; US-07-799-824-2
;
; Query Match 0.2%; Score 13.4; DB 1; Length 15;
; Best Local Similarity 93.3%; Pred. No. 6.3e+02;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1182 AGAAGAGAGAGAGA 1196
; DB 15 AAAAAGAGAGAGAGA 1
;
; RESULT 969
; US-07-799-824-3/C
; Sequence 3, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025

```

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Muraahige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
;
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: /note= "U corresponds to
; OTHER INFORMATION: 5-propynyl uracil, T corresponds to thymine and C
; OTHER INFORMATION: corresponds to 5-methylcytosine."
;
; US-07-799-824-3
;
; Query Match 0.2%; Score 13.4; DB 1; Length 15;
; Best Local Similarity 93.3%; Pred. No. 6.3e+02;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1182 AGAAGAGAGAGAGA 1196
; DB 15 AAAAAGAGAGAGAGA 1
;
; RESULT 970
; US-07-799-824-4
; Sequence 4, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Muraahige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600

```

TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-799-824-4

Query Match 0.2% Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1186 AGAAGAGAGAGAGA 1200
1 AGAAGAGAGAGAGA 15

RESULT 971
US-07-799-824-5/c
Sequence 5, Application US/07799824
Patent No. 5484908

GENERAL INFORMATION:
APPLICANT: Froehler, Brian
APPLICANT: Jones, Robert J.
TITLE OF INVENTION: Enhanced Triple-Helix and
TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
TITLE OF INVENTION: Containing Modified Pyrimidines
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSER: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/799,824
FILING DATE: 19911126
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
TELEFAX: 415-327-2951
TELEX: 706141

INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURES:
NAME/KEY: misc_feature
LOCATION: 2
OTHER INFORMATION: /note= "C corresponds to
OTHER INFORMATION: 5-propynylcytosine."
US-07-799-824-5

Query Match 0.2% Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Oy 1182 AGAAGAGAGAGAGA 1196
1 AGAAGAGAGAGAGA 15

Db 15 AAAAAAGAGAGAGA 1

RESULT 972
US-07-799-824-6
Sequence 6, Application US/07799824
Patent No. 5484908

GENERAL INFORMATION:
APPLICANT: Froehler, Brian
APPLICANT: Jones, Robert J.
TITLE OF INVENTION: Enhanced Triple-Helix and
TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
TITLE OF INVENTION: Containing Modified Pyrimidines
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSER: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/799,824
FILING DATE: 19911126

CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
TELEFAX: 415-327-2951
TELEX: 706141

INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-799-824-6

Query Match 0.2% Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1182 AGAAGAGAGAGAGA 1196
1 AAAAAAGAGAGAGA 15

RESULT 973
US-07-799-824-7/c
Sequence 7, Application US/07799824
Patent No. 5484908

GENERAL INFORMATION:
APPLICANT: Froehler, Brian
APPLICANT: Jones, Robert J.
TITLE OF INVENTION: Enhanced Triple-Helix and
TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
TITLE OF INVENTION: Containing Modified Pyrimidines
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSER: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
COUNTRY: USA
ZIP: 94025

Query Match 0.2% Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Oy 1182 AGAAGAGAGAGAGA 1196
1 AAAAAAGAGAGAGA 15

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-07-799-824-7
;
Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1182 AGAAGAGAGAGAGA 1196
DB      15 AAAAAAGAGAGAGA 1

RESULT 974
US-07-799-824-8/C
; Sequence 8, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID

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; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7
; OTHER INFORMATION: /note= "U corresponds to bdu."
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US-07-799-824-8

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Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY      1182 AGAAGAGAGAGAGA 1196
DB      15 AAAAAAGAGAGAGA 1

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RESULT 975
US-07-799-824-9/C
; Sequence 9, Application US/07799824
; Patent No. 5484908
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; TITLE OF INVENTION: Enhanced Triple-Helix and
; TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
; TITLE OF INVENTION: Containing Modified Pyrimidines
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,824
; FILING DATE: 19911126
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11
; OTHER INFORMATION: /note= "U corresponds to bdu."
;
US-07-799-824-9

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```

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      1182 AGAAGAGAGAGAGA 1196
DB      15 AAAAAAGAGAGAGA 1

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```
RESULT 976
; Sequence 15, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KURI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOFORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSER: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/874,334
; FILING DATE: 19920424
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20005.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
;
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(1..2, "")
; OTHER INFORMATION: /note= "This position indicates
; OTHER INFORMATION: 3'-formacetal 5'-SCH2O-3' neutral linkage."
;
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(2, "")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methyl-C'."
;
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(3..4, "")
; OTHER INFORMATION: /note= "This position indicates
; OTHER INFORMATION: 3'-formacetal 5'-SCH2O-3' neutral linkage."
;
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(4, "")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methyl-C'."
;
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(5..6, "")
; OTHER INFORMATION: /note= "This position indicates
; OTHER INFORMATION: 3'-formacetal 5'-SCH2O-3' neutral linkage."
;
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(6, "")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methyl-C'."
;
; NAME/KEY: misc_difference
; NAME/KEY: misc_difference
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LOCATION: replace(7..8, "")
; OTHER INFORMATION: /note= "This position indicates
; OTHER INFORMATION: 3'-formacetal 5'-SCH2O-3' neutral linkage."
;
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(8, "")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methyl-C'."
;
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(9..10, "")
; OTHER INFORMATION: /note= "This position indicates
; OTHER INFORMATION: 3'-formacetal 5'-SCH2O-3' neutral linkage."
;
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(10, "")
; OTHER INFORMATION: /note= "This position is
; OTHER INFORMATION: 5-methyl-C'."
;
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(11..12, "")
; OTHER INFORMATION: /note= "This position indicates
; OTHER INFORMATION: -OCH2O- neutral linkage."
;
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: replace(13..14, "")
; OTHER INFORMATION: /note= "This position indicates
; OTHER INFORMATION: -OCH2O- neutral linkage."
;
; OTHER INFORMATION: -OCH2O- neutral linkage."
;
; US-07-874-334-15
;
; Query Match 0.2%; Score 13.4; DB 1; Length 15;
; Best Local Similarity 93.3%; Pred. No. 6.3e+02;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1182 AGAAGAAGAGAGA 1196
; Db 15 AAAAAGAGAGAGA 1
;
; RESULT 977
; Sequence 16, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KURI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOFORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSER: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/874,334
; FILING DATE: 19920424
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20005.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
```

TELEX: 706141
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(1..2, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: diester linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(3..4, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: diester linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(5..6, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: diester linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(7..8, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: diester linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(9..10, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: diester linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(11..12, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: diester linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(13..14, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: diester linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(15, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: diester linkage."
US-07-874-334-16
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1182 AGAAGAGAGAGAGA 1196
Db 15 AAAAAAGAGAGAGA 1
RESULT 978
US-07-874-334-17/c
Sequence 17, Application US/07874334
Patent No. 5495009
GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, BOB
APPLICANT: LIN, KUEI-YING
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESSES:
ADDRESSER: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/874,334
FILING DATE: 19920424
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20005.24
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(1..2, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: formacetal linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(3..4, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: formacetal linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(5..6, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: formacetal linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(7..8, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: formacetal linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(9..10, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: formacetal linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(11..12, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: formacetal linkage."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(13..14, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: formacetal linkage."
OTHER INFORMATION: formacetal linkage."
US-07-874-334-17
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1182 AGAAGAGAGAGAGA 1196
Db 15 AAAAAAGAGAGAGA 1
RESULT 979
US-07-874-334-18/c
Sequence 18, Application US/07874334
Patent No. 5495009
GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK

APPLICANT: JONES, BOB
APPLICANT: LIN, KUEI-YING
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
TITLE OF INVENTION: THIOFORMACETAL LINKAGES
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/874,334
FILING DATE: 19920424
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20005.24
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(1..2, "")
OTHER INFORMATION: /note="This position indicates a
OTHER INFORMATION: thioformacetal linkage."
FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(3..4, "")
OTHER INFORMATION: /note="This position indicates a
OTHER INFORMATION: thioformacetal linkage."
FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(5..6, "")
OTHER INFORMATION: /note="This position indicates a
OTHER INFORMATION: thioformacetal linkage."
FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(7..8, "")
OTHER INFORMATION: /note="This position indicates a
OTHER INFORMATION: thioformacetal linkage."
FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(9..10, "")
OTHER INFORMATION: /note="This position indicates a
OTHER INFORMATION: thioformacetal linkage."
FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(11..12, "")
OTHER INFORMATION: /note="This position indicates a
OTHER INFORMATION: thioformacetal linkage."
FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(13..14, "")
OTHER INFORMATION: /note="This position indicates a
OTHER INFORMATION: thioformacetal linkage."
US-07-874-334-18
Query Match 0.24; Score 13.4; DB 1; Length 15;

Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Cy 1182 AGAGAGAGAGAGA 1196
Db 15 AGAGAGAGAGAGA 1
RESULT 980
US-07-976-103A-4
Sequence 4, Application US/07976103A
Patent No. 5645985
GENERAL INFORMATION:
APPLICANT: FROELER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/976,103A
FILING DATE: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUEBCHAU, DARL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-976-103A-4
Query Match 0.24; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Cy 1186 AGAGAGAGAGAGA 1200
Db 1 AGAGAGAGAGAGAGA 15
RESULT 981
US-07-976-103A-6
Sequence 6, Application US/07976103A
Patent No. 5645985
GENERAL INFORMATION:
APPLICANT: FROELER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.

APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/976,103A
FILING DATE: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-976-103A-6

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGA 1196
Db 1 AAAAAGAGAGAGA 15

RESULT 982
US-07-976-103A-12
Sequence 12, Application US/07976103A
Patent No. 5645985
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/976,103A

FILING DATE: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-976-103A-12

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGA 1196
Db 1 AAAAAGAGAGAGA 15

RESULT 983
US-07-976-103A-40/C
Sequence 40, Application US/07976103A
Patent No. 5645985
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/976,103A
FILING DATE: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-976-103A-40

Query Match 0.2%; Score 13.4; DB 1; Length 15;
 Best Local Similarity 93.3%; Pred. No. 6.3e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
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 DB 15 AAAAAGAGAGAGAGA 1

RESULT 984
 US-07-976-103A-49
 ; Sequence 49, Application US/07976103A
 ; Patent No. 5645985

GENERAL INFORMATION:
 APPLICANT: FROELER, BRIAN
 APPLICANT: WAGNER, RICK
 APPLICANT: MATTEUCCI, MARK
 APPLICANT: JONES, ROBERT J.
 APPLICANT: GUTIERREZ, ARNOLD J.
 APPLICANT: PUDLO, JEFF
 TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
 TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
 NUMBER OF SEQUENCES: 53
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GILEAD SCIENCES, INC.
 STREET: 353 Lakeside Drive
 CITY: Foster City
 STATE: California
 COUNTRY: USA
 ZIP: 94404

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/976,103A
 FILING DATE: 25-NOV-1992
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
 NAME: MUENCHAU, DARYL D.
 REGISTRATION NUMBER: 36,616
 REFERENCE/DOCKET NUMBER: 162.3
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 573-4712
 TELEFAX: (415) 573-4899

TELEX:
 INFORMATION FOR SEQ ID NO: 49:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-07-976-103A-49

Query Match 0.2%; Score 13.4; DB 1; Length 15;
 Best Local Similarity 93.3%; Pred. No. 6.3e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
 |||||
 DB 1 AAAAAGAGAGAGAGA 15

RESULT 985

US-08-426-807-1/c
 ; Sequence 1, Application US/08426807
 ; Patent No. 5750673
 GENERAL INFORMATION:
 APPLICANT: Martin, Pierre
 TITLE OF INVENTION: Nucleosides and oligonucleotides
 TITLE OF INVENTION: having 2'-ether groups
 NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Ciba-Geigy Corporation/Patent Dept.
 STREET: 520 White Plains Rd.
 CITY: Tarrytown
 STATE: NY

COUNTRY: USA
 ZIP: 10591-9005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: diskette-3.5 inch, 1.44 MB
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: ASCII Text Editor
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/426,807
 FILING DATE: 20-APR-1995

CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Mansfield, Kevin T.
 REGISTRATION NUMBER: 31,635
 REFERENCE/DOCKET NUMBER: FL/64-19923/A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 914-785-7127
 TELEFAX: 914-785-7102

INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "oligonucleotide"
 ANTI-SENSE: YES
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: 5
 OTHER INFORMATION: /note= "modified sugar"

US-08-426-807-1

Query Match 0.2%; Score 13.4; DB 1; Length 15;
 Best Local Similarity 93.3%; Pred. No. 6.3e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAA 1200
 |||||
 DB 15 AGAGAGAGAGAGAAA 1

RESULT 986
 US-08-750-007-19
 ; Sequence 19, Application US/08750007
 ; Patent No. 5801016

GENERAL INFORMATION:
 APPLICANT: MORIOKA, SHINJI
 TITLE OF INVENTION: DNA FRAGMENT, RECOMBINANT VECTOR
 TITLE OF INVENTION: CONTAINING THE SAME AND METHOD FOR EXPRESSING FOREIGN
 TITLE OF INVENTION: GENES USING THE SAME
 NUMBER OF SEQUENCES: 19
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
 STREET: PO BOX 747
 CITY: FALLS CHURCH
 STATE: VA

COUNTRY: USA
 ZIP: 22040-0747

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/750,007
 FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MURPHY JR, GERALD M
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 0760-221P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8800
TELEFAX: (703) 205-8050
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-750-007-19

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4236 CCACCGGCTCCATCC 4250
Db 1 CCCCCGCTCATCC 15

RESULT 987
US-08-311-486C-227
Sequence 227, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisch
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNP-1
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,337
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

two

TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 227:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-227

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 6.3e+02;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 3262 CTGGCTCTGTGCTT 3276
Db 1 CUGGCCUCUGGCCU 15

RESULT 988
US-07-892-902-6
Sequence 6, Application US/07892902
Patent No. 5817781
GENERAL INFORMATION:
APPLICANT: Swaminathan, Sundaramoorthi
APPLICANT: Matteucci, Mark
APPLICANT: Pudlo, Jeff
APPLICANT: Jones, Robert J.
TITLE OF INVENTION: MODIFIED INTERNUCLEOSIDE LINKAGES (II)
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/892,902
FILING DATE: 01-JUN-1992
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 246102004200
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
TELEFAX: 415-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-892-902-6

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAA 1200
Db 1 AGAGAGAGAGAAA 15

RESULT 989

US-07-892-902-7/c
; Sequence 7, Application US/07892902
; Patent No. 5817781
; GENERAL INFORMATION:
; APPLICANT: Swaminathan, Sundaramoorthi
; APPLICANT: Mateucci, Mark
; APPLICANT: Pudlo, Jeff
; APPLICANT: Jones, Robert J.
; TITLE OF INVENTION: MODIFIED INTERNUCLEOSIDE LINKAGES (II)
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/892,902
; FILING DATE: 01-JUN-1992
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 246102004200
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-07-892-902-7

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
Db 15 AGAGAGAGAGAGAAA 1

RESULT 990
US-08-473-481-4
; Sequence 4, Application US/08473481
; Patent No. 5830653
; GENERAL INFORMATION:
; APPLICANT: FROELER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/473,481
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/976,103
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/965,941
; FILING DATE: 23-OCT-1992
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/799,824
; FILING DATE: 26-NOV-1991
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 162.3D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-473-481-4

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
Db 1 AGAGAGAGAGAGAAA 15

RESULT 991
US-08-473-481-6
; Sequence 6, Application US/08473481
; Patent No. 5830653
; GENERAL INFORMATION:
; APPLICANT: FROELER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California

```

: COUNTRY: USA
: ZIP: 94404
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent in Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/473,481
: FILING DATE: 07-JUN-1995
: CLASSIFICATION: 514
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER: US 07/976,103
: FILING DATE: 25-NOV-1992
: CLASSIFICATION: 514
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER: US 07/965,941
: FILING DATE: 23-OCT-1992
: CLASSIFICATION: 514
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER: US 08/338,352
: FILING DATE: 14-NOV-1994
: CLASSIFICATION: 514
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER: US 07/935,444
: FILING DATE: 25-AUG-1992
: CLASSIFICATION: 514
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER: US 07/799,824
: FILING DATE: 26-NOV-1991
: CLASSIFICATION: 514
: ATTORNEY/AGENT INFORMATION:
: NAME: MUENCHAU, DARYL D.
: REGISTRATION NUMBER: 36,616
: REFERENCE/DOCKET NUMBER: 162.3D
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 573-4712
: TELEFAX: (415) 573-4899
: TELEX:
: INFORMATION FOR SEQ ID NO: 6:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 15 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: US-08-473-481-6
:
: Query Match 0.2%; Score 13.4; DB 1; Length 15;
: Best Local Similarity 93.3%; Pred. No. 6.3e+02;
: Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
:
: QY 1182 AGAAGAGAGAGAGA 1196
: Db 1 AAAAAAGAGAGAGA 15
:
: RESULT 992
: US-08-473-481-12
: Sequence 12, Application US/08473481
: Patent No. 5830653
: GENERAL INFORMATION:
: APPLICANT: FROEHLER, BRIAN
: APPLICANT: WAGNER, RICK
: APPLICANT: MATEUCCI, MARK
: APPLICANT: JONES, ROBERT J.
: APPLICANT: GUTIERREZ, ARNOLD J.
: APPLICANT: PUDLO, JEFF
: TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
: TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
: NUMBER OF SEQUENCES: 53
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: GILDED SCIENCES, INC.
: STREET: 353 Lakeside Drive

```

```

: CITY: Foster City
: STATE: California
: COUNTRY: USA
: ZIP: 94404
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent in Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/473,481
: FILING DATE: 07-JUN-1995
: CLASSIFICATION: 514
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER: US 07/976,103
: FILING DATE: 25-NOV-1992
: CLASSIFICATION: 514
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER: US 07/965,941
: FILING DATE: 23-OCT-1992
: CLASSIFICATION: 514
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER: US 08/338,352
: FILING DATE: 14-NOV-1994
: CLASSIFICATION: 514
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER: US 07/935,444
: FILING DATE: 25-AUG-1992
: CLASSIFICATION: 514
: PRIORITY APPLICATION DATA:
: APPLICATION NUMBER: US 07/799,824
: FILING DATE: 26-NOV-1991
: CLASSIFICATION: 514
: ATTORNEY/AGENT INFORMATION:
: NAME: MUENCHAU, DARYL D.
: REGISTRATION NUMBER: 36,616
: REFERENCE/DOCKET NUMBER: 162.3D
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 573-4712
: TELEFAX: (415) 573-4899
: TELEX:
: INFORMATION FOR SEQ ID NO: 12:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 15 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: US-08-473-481-12
:
: Query Match 0.2%; Score 13.4; DB 1; Length 15;
: Best Local Similarity 93.3%; Pred. No. 6.3e+02;
: Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
:
: QY 1182 AGAAGAGAGAGAGA 1196
: Db 1 AAAAAAGAGAGAGA 15
:
: RESULT 993
: US-08-473-481-40/C
: Sequence 40, Application US/08473481
: Patent No. 5830653
: GENERAL INFORMATION:
: APPLICANT: FROEHLER, BRIAN
: APPLICANT: WAGNER, RICK
: APPLICANT: MATEUCCI, MARK
: APPLICANT: JONES, ROBERT J.
: APPLICANT: GUTIERREZ, ARNOLD J.
: APPLICANT: PUDLO, JEFF
: TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
: TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
: NUMBER OF SEQUENCES: 53
: CORRESPONDENCE ADDRESS:

```


ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44MB storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
DESCRIPTION: gamma-crystallin gene exons 1 and 2
HYPOTHETICAL: No
ANTI-SENSE: No
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
POSITION IN GENOME:
CHROMOSOME/SEGMENT: chromosome 2
MAP POSITION: 2q33-q35
PUBLICATION INFORMATION:
AUTHORS: Meakin, S O, Breitman, M L, Tsui, L C.
TITLE: Structural and evolutionary
relationships among five members of the human
JOURNAL: Molecular and Cellular Biology
VOLUME: 5
PAGES: 1408-1414
DATE: 1985
RELEVANT RESIDUES IN SEQ ID NO: 61 :FROM 1 TO 15
US-08-173-489C-61

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5412 AAAATGAAATAAG 5426
Db 1 AAAATGAAAAAAAAAG 15

RESULT 996
US-08-173-489C-248
Sequence 248, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESSES:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,

STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44MB storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 248:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from M. luteus
HYPOTHETICAL: Yes
ANTI-SENSE: no
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 248 :FROM 1 TO 15
US-08-173-489C-248

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 326 CCCTCCCTGGCTT 340
Db 1 CCCTCCCTGGCTT 15

RESULT 997
US-08-483-464-2/C
Sequence 2, Application US/08483464
Patent No. 5877160
GENERAL INFORMATION:
APPLICANT: Arnold, Lyle John, Jr.
APPLICANT: Harper, Mary Ellen
APPLICANT: Woolf, Tod Mitchell
TITLE OF INVENTION: COMPOSITION AND METHODS OF
TREATMENT OF ANDROGEN-ASSOCIATED BALDNESS USING ANTISENSE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/483,464
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/019,543
FILING DATE: 19-FEB-1993
APPLICATION NUMBER: 07/707,879
FILING DATE: 31-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Halle, Lisa A
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 09596/001001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-678-5070
TELEFAX: 619-678-5099
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-483-464-2

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2563 GAGGGGAGAGAG 2577
Db 15 GAGGTGAGAGAGAG 1

RESULT 998
US-08-483-464-6
Sequence 6, Application US/08483464
Patent No. 5877160
GENERAL INFORMATION:
APPLICANT: Arnold, Lytle John, Jr.
APPLICANT: Harper, Mary Ellen
APPLICANT: Wolff, Tod Mitchell
TITLE OF INVENTION: COMPOSITION AND METHODS OF
TREATMENT OF ANDROGEN-ASSOCIATED BALDNESS USING ANTISENSE
TITLE OF INVENTION: OLIGOMERS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSER: Fish & Richardson, P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,464
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/019,543
FILING DATE: 19-FEB-1993
APPLICATION NUMBER: 07/707,879
FILING DATE: 31-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Halle, Lisa A
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 09596/001001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-678-5070
TELEFAX: 619-678-5099
INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-483-464-6

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2563 GAGGGGAGAGAG 2577
Db 1 GAGGTGAGAGAGAG 15

RESULT 999
US-08-740-821-8/c
Sequence 8, Application US/08740821
Patent No. 5910583
GENERAL INFORMATION:
APPLICANT: Marks, Jeffrey R.
APPLICANT: Vaughn, James P.
APPLICANT: Iglehart, James D.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSER: Bell, Seltzer, Park & Gibson, P.A.
STREET: Post Office Drawer 34009
CITY: Charlotte
STATE: No. 5910583ch Carolina
COUNTRY: USA
ZIP: 28234
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/740,821
FILING DATE: 04-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5405-134
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-420-2200
TELEFAX: 919-881-3175
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: other nucleic acid
DESCRIPTION: /desc = "OLIGONUCLEOTIDE"
US-08-740-821-8

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1182 AGAAGAGAGAGCA 1196
Db 15 AGAAGAGAGAGCA 1

RESULT 1000
US-08-459-434-1/c
Sequence 1, Application US/08459434
Patent No. 5969116
GENERAL INFORMATION:

APPLICANT: Martin, Pierre
TITLE OF INVENTION: Nucleosides and oligonucleotides having
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSER: No. 596916artis Corporation
STREET: 59 Route 10
CITY: East Hanover
STATE: New Jersey
COUNTRY: USA
ZIP: 07936-1080
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,434
FILING DATE: 02-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: CH 1467/93-4
FILING DATE: 12-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/241,213
FILING DATE: 10-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ferraro, Gregory D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 4-19552/A/DIV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 277-3318
TELEFAX: (908) 277-4306
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic oligonucleotide
DESCRIPTION: comprising a modified sugar"
US-08-459-434-1
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1186 AGAGAGAGAGAGAAA 1200
DB 15 AGAGAGAGAGAGAAA 1
RESULT 1001
US-08-863-639A-7
Sequence 7, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coasasin, Peter J.
APPLICANT: Kampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSER: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-7
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5401 ACAAAAAGAGAAAAA 5415
DB 1 ACAAAAAGAGAAAAA 15
RESULT 1002
US-08-832-021-61/c
Sequence 61, Application US/08832021
Patent No. 6045998
GENERAL INFORMATION:
APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stem, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 61
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-61
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5400 TACAAAAAGAGAAAA 5414
DB 15 TACAAAAAGAGAAAA 1
RESULT 1003
US-08-338-352-5
Sequence 5, Application US/08338352
Patent No. 6235887
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: JONES, ROBERT J.
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX

TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED
PRIMIDINES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESSES:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-338-352-5

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAGA 1200
DB 1 AGAGAGAGAGAGAGA 15

RESULT 1004
US-08-338-352-7
Sequence 7, Application US/08338352
Patent No. 6235887
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: JONES, ROBERT J.
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED
PRIMIDINES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESSES:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,352
FILING DATE: 14-NOV-1994

CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-338-352-7

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
DB 1 AAAAAAGAGAGAGA 15

RESULT 1005
US-08-338-352-13
Sequence 13, Application US/08338352
Patent No. 6235887
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: JONES, ROBERT J.
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED
PRIMIDINES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESSES:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-338-352-13

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
DB 1 AAAAAAGAGAGAGA 15

RESULT 1006

US-09-202-294-1/C
; Sequence 1, Application US/09202294
; Patent No. 6329519
; GENERAL INFORMATION:
; APPLICANT: Collingwood, Stephen P.
; APPLICANT: Moser, Heinz E.
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Douglas, Mark E.
; TITLE OF INVENTION: Intermediates for oligonucleotides
; FILE REFERENCE: 4-20900/A/MA2134/PCT
; CURRENT APPLICATION NUMBER: US/09/202,294
; EARLIER FILING DATE: 1999-03-15
; EARLIER APPLICATION NUMBER: PCT/GB97/01490
; EARLIER FILING DATE: 1997-06-03
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-09-202-294-1

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAA 1200
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1007

US-09-081-646-23
; Sequence 23, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-23

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3589 CATGTCCTCAGGCT 3603

DB 1 CATGTCCTCAGGCT 15

RESULT 1008

US-08-599-738A-4
; Sequence 4, Application US/08599738A
; Patent No. 6380368
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,738A
; FILING DATE: 12-FEB-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/473,481
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/976,103
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/965,941
; FILING DATE: 23-OCT-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/799,824
; FILING DATE: 26-NOV-1991
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 162.3D2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-599-738A-4

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200

Db 1 AGAGAGAGAGAGAAA 15

RESULT 1009

US-08-599-738A-6
Sequence 6, Application US/08599738A
Patent No. 6380368

GENERAL INFORMATION:

APPLICANT: FROELER, BRIAN

APPLICANT: WAGNER, RICK

APPLICANT: MATTEUCCI, MARK

APPLICANT: JONES, ROBERT J.

APPLICANT: GUTIERREZ, ARNOLD J.

TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX

NUMBER OF SEQUENCES: 53 FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES

CORRESPONDENCE ADDRESS:

ADDRESSEE: GILEAD SCIENCES, INC.

STREET: 353 Lakeside Drive

CITY: Foster City

STATE: California

COUNTRY: USA

ZIP: 94404

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/599,738A

FILING DATE: 12-FEB-1996

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/473,481

FILING DATE: 07-JUN-1995

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/965,941

FILING DATE: 23-OCT-1992

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/338,352

FILING DATE: 14-NOV-1994

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/935,444

FILING DATE: 25-AUG-1992

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/799,824

FILING DATE: 26-NOV-1991

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: MUENCHAU, DARYL D.

REGISTRATION NUMBER: 36,616

REFERENCE/DOCKET NUMBER: 162,3D2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 573-4712

TELEFAX: (415) 573-4899

TELEX:

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-599-738A-6

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196

Db 1 AGAAGAGAGAGAGA 15

RESULT 1010

US-08-599-738A-12
Sequence 12, Application US/08599738A
Patent No. 6380368

GENERAL INFORMATION:

APPLICANT: FROELER, BRIAN

APPLICANT: WAGNER, RICK

APPLICANT: MATTEUCCI, MARK

APPLICANT: JONES, ROBERT J.

APPLICANT: GUTIERREZ, ARNOLD J.

TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX

NUMBER OF SEQUENCES: 53 FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES

CORRESPONDENCE ADDRESS:

ADDRESSEE: GILEAD SCIENCES, INC.

STREET: 353 Lakeside Drive

CITY: Foster City

STATE: California

COUNTRY: USA

ZIP: 94404

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/599,738A

FILING DATE: 12-FEB-1996

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/473,481

FILING DATE: 07-JUN-1995

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/965,941

FILING DATE: 23-OCT-1992

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/338,352

FILING DATE: 14-NOV-1994

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/935,444

FILING DATE: 25-AUG-1992

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/799,824

FILING DATE: 26-NOV-1991

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: MUENCHAU, DARYL D.

```

;
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 162.3D2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
;
;
; INFORMATION FOR SEQ. ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-599-738A-12

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1182 AGAAGAGAGAGAGA 1196
Db      1 AAAAAGAGAGAGAGA 15

RESULT 1011
US-08-599-738A-40/c
; Sequence 40, Application US/08599738A
; Patent No. 6380368
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,738A
; FILING DATE: 12-FEB-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/473,481
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/976,103
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/965,941
; FILING DATE: 23-OCT-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; CLASSIFICATION: 536
;

```

```

;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/799,824
; FILING DATE: 26-NOV-1991
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 162.3D2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
;
;
; INFORMATION FOR SEQ. ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-599-738A-40

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1182 AGAAGAGAGAGAGA 1196
Db      15 AAAAAGAGAGAGAGA 1

RESULT 1012
US-08-599-738A-49
; Sequence 49, Application US/08599738A
; Patent No. 6380368
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,738A
; FILING DATE: 12-FEB-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/473,481
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/976,103
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/965,941
; FILING DATE: 23-OCT-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; CLASSIFICATION: 536
;

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FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162,3D2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-599-738A-49

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
DB 1 AAAAAGAGAGAGAGA 15

RESULT 1013
US-09-400-502-23
Sequence 23, Application US/09400502
Patent No. 6414127
GENERAL INFORMATION:
APPLICANT: Lin, Kuei-Ying
APPLICANT: Matteucci, Mark D.
TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners
FILE REFERENCE: GLIS0127
CURRENT APPLICATION NUMBER: US/09/400,502
CURRENT FILING DATE: 1999-09-21
PRIOR APPLICATION NUMBER: 08/966,392
PRIOR FILING DATE: 1997-11-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 23
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: No. 6414127el Sequence
US-09-400-502-23

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
DB 1 AAAAAGAGAGAGAGA 15

RESULT 1014
US-09-400-502-24
Sequence 24, Application US/09400502
Patent No. 6414127
GENERAL INFORMATION:
APPLICANT: Lin, Kuei-Ying

APPLICANT: Matteucci, Mark D.
TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners
FILE REFERENCE: GLIS0127
CURRENT APPLICATION NUMBER: US/09/400,502
CURRENT FILING DATE: 1999-09-21
PRIOR APPLICATION NUMBER: 08/966,392
PRIOR FILING DATE: 1997-11-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 24
LENGTH: 15
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: No. 6414127el Sequence
US-09-400-502-24

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
DB 1 AAAAAGAGAGAGAGA 15

RESULT 1015
US-08-906-378-2/c
Sequence 2, Application US/08906378B
Patent No. 6447998
GENERAL INFORMATION:
APPLICANT: Froehner, Brian C
APPLICANT: Gutierrez, Arnold J
APPLICANT: Matteucci, Mark D
TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
FILE REFERENCE: GLIS0113
CURRENT APPLICATION NUMBER: US/08/906,378B
CURRENT FILING DATE: 1997-08-05
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6447998el Sequence
US-08-906-378-2

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1182 AGAAGAGAGAGAGA 1196
DB 15 AAAAAGAGAGAGAGA 1

RESULT 1016
US-08-906-378-9/c
Sequence 9, Application US/08906378B
Patent No. 6447998
GENERAL INFORMATION:
APPLICANT: Froehner, Brian C
APPLICANT: Gutierrez, Arnold J
APPLICANT: Matteucci, Mark D
TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
FILE REFERENCE: GLIS0113
CURRENT APPLICATION NUMBER: US/08/906,378B
CURRENT FILING DATE: 1997-08-05
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 15

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: DNA/RNA
; OTHER INFORMATION: Mixed Oligomer
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6447998e1 Sequence
US-08-906-378-9
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1182 AGAAGAGAGAGAGA 1196
      15 AAAAAAGAGAGAGAGA 1
```

```
RESULT 1017
US-09-475-947A-164/C
; Sequence 164, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTS00667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 164
; LENGTH: 15
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-164
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```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      5394 AAAAAATGCAAAAA 5408
      15 AAAAAATGCAAAAA 1
```

```
RESULT 1018
US-09-717-422-2/C
; Sequence 2, Application US/09717422
; Patent No. 6495672
; GENERAL INFORMATION:
; APPLICANT: Froehner, Brian C.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Matencio, Mark D.
; TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
; FILE REFERENCE: GLIS0142
; CURRENT APPLICATION NUMBER: US/09/717,422
; CURRENT FILING DATE: 2000-11-21
; PRIOR APPLICATION NUMBER: 08/906,378
; PRIOR FILING DATE: 1997-08-05
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6495672e1 Sequence
US-09-717-422-2
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
```

```
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      1182 AGAAGAGAGAGAGA 1196
      15 AAAAAAGAGAGAGAGA 1
Db
```

```
RESULT 1019
US-09-612-531-4/C
; Sequence 4, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkattraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isig-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-612-531-4
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1186 AGAGAGAGAGAGAA 1200
      15 AGAGAGAGAGAGAA 1
Db
```

```
RESULT 1020
US-09-612-531-8/C
; Sequence 8, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkattraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isig-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)..(5)
; OTHER INFORMATION: T*2'-O-[2-(guanidinium)ethyl]
US-09-612-531-8
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```



```
QY      1186 AGAGAGAGAGAGAAA 1200
      |||||
      15 AGAGAGAGAGAGAAA 1

RESULT 1021
US-09-612-531-9/c
; Sequence 9, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinlum Functionalized Oligomers And Methods
; FILE REFERENCE: 1818-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinlum) ethyl]
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinlum) ethyl]
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinlum) ethyl]
; NAME/KEY: misc_feature
; LOCATION: (13)..(13)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinlum) ethyl]
; US-09-612-531-9

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
      |||||
      15 AGAGAGAGAGAGAAA 1

RESULT 1022
US-09-612-531-10/c
; Sequence 10, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinlum Functionalized Oligomers And Methods
; FILE REFERENCE: 1818-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 10
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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```
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinlum) ethyl]
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinlum) ethyl]
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinlum) ethyl]
; US-09-612-531-10

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
      |||||
      15 AGAGAGAGAGAGAAA 1

RESULT 1023
US-09-612-531-14/c
; Sequence 14, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinlum Functionalized Oligomers And Methods
; FILE REFERENCE: 1818-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 14
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: T*=2'-deoxy
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: T*=2'-deoxy
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: T*=2'-deoxy
; US-09-612-531-14

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
      |||||
      15 AGAGAGAGAGAGAAA 1

RESULT 1024
US-09-612-531-15/c
; Sequence 15, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
```

```

; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: 1s18-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: T*=2'-O-AE
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: T*=2'-O-AE
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: T*=2'-O-AE
; US-09-612-531-15

```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      1186 AGAGAGAGAGAGAAA 1200
      15 AGAGAGAGAGAGAAA 1

```

```

RESULT 1025
US-09-612-531-16/C
; Sequence 16, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkattraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: 1s18-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: T*=2'-O-AP*
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: T*=2'-O-AP*
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: T*=2'-O-AP*
; US-09-612-531-16

```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

QY      1186 AGAGAGAGAGAGAAA 1200

```

```

DB      15 AGAGAGAGAGAGAAA 1

```

```

RESULT 1026
US-09-612-531-17/C
; Sequence 17, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkattraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: 1s18-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: T*=2'-O-GE
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: T*=2'-O-GE
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: T*=2'-O-GE
; US-09-612-531-17

```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY      1186 AGAGAGAGAGAGAAA 1200
      15 AGAGAGAGAGAGAAA 1

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RESULT 1027
US-09-612-531-18/C
; Sequence 18, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkattraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: 1s18-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: T*=2'-deoxy

```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      1186 AGAGAGAGAGAGAAA 1200

```

```
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(5)
/ OTHER INFORMATION: T*=2'-deoxy
/ NAME/KEY: misc_feature
/ LOCATION: (9)..(9)
/ OTHER INFORMATION: T*=2'-deoxy
/ NAME/KEY: misc_feature
/ LOCATION: (13)..(13)
/ OTHER INFORMATION: T*=2'-deoxy
US-09-612-531-18
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 1186 AGAGAGAGAGAGAAA 1200
Db 15 AGAGAGAGAGAGAAA 1
```

```
RESULT 1028
US-09-612-531-19/c
/ Sequence 19, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
/ FILE REFERENCE: 1a1s-4406
/ CURRENT APPLICATION NUMBER: US/09/612,531
/ CURRENT FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 09/349,040
/ PRIOR FILING DATE: 1999-07-07
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 19
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (2)..(2)
/ OTHER INFORMATION: T*=2'-O-AE
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(5)
/ OTHER INFORMATION: T*=2'-O-AE
/ NAME/KEY: misc_feature
/ LOCATION: (9)..(9)
/ OTHER INFORMATION: T*=2'-O-AE
/ NAME/KEY: misc_feature
/ LOCATION: (13)..(13)
/ OTHER INFORMATION: T*=2'-O-AE
US-09-612-531-19
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 1186 AGAGAGAGAGAGAAA 1200
Db 15 AGAGAGAGAGAGAAA 1
```

```
RESULT 1029
US-09-612-531-20/c
/ Sequence 20, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
```

```
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
/ FILE REFERENCE: 1a1s-4406
/ CURRENT APPLICATION NUMBER: US/09/612,531
/ CURRENT FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 09/349,040
/ PRIOR FILING DATE: 1999-07-07
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 20
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (2)..(2)
/ OTHER INFORMATION: T*=2'-O-AP*
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(5)
/ OTHER INFORMATION: T*=2'-O-AP*
/ NAME/KEY: misc_feature
/ LOCATION: (9)..(9)
/ OTHER INFORMATION: T*=2'-O-AP*
/ NAME/KEY: misc_feature
/ LOCATION: (13)..(13)
/ OTHER INFORMATION: T*=2'-O-AP*
US-09-612-531-20
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 1186 AGAGAGAGAGAGAAA 1200
Db 15 AGAGAGAGAGAGAAA 1
```

```
RESULT 1030
US-09-612-531-21/c
/ Sequence 21, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
/ FILE REFERENCE: 1a1s-4406
/ CURRENT APPLICATION NUMBER: US/09/612,531
/ CURRENT FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 09/349,040
/ PRIOR FILING DATE: 1999-07-07
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 21
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: misc_feature
/ LOCATION: (2)..(2)
/ OTHER INFORMATION: T*=2'-O-GE
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(5)
/ OTHER INFORMATION: T*=2'-O-GE
/ NAME/KEY: misc_feature
/ LOCATION: (9)..(9)
/ OTHER INFORMATION: T*=2'-O-GE
/ NAME/KEY: misc_feature
/ LOCATION: (13)..(13)
```

```
; OTHER INFORMATION: T*=2'-O-GE
US-09-612-531-21

Query Match
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
Db 15 AGAGAGAGAGAGAAA 1

RESULT 1031
US-09-612-531-22/c
; Sequence 22, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(5)
; OTHER INFORMATION: T*=2'-deoxy
US-09-612-531-22

Query Match
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
Db 15 AGAGAGAGAGAGAAA 1

RESULT 1032
US-09-612-531-23/c
; Sequence 23, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
```

```
; LOCATION: (1)..(5)
; OTHER INFORMATION: T*=2'-O-AE
US-09-612-531-23

Query Match
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
Db 15 AGAGAGAGAGAGAAA 1

RESULT 1033
US-09-612-531-24/c
; Sequence 24, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(5)
; OTHER INFORMATION: T*=2'-O-AP*
US-09-612-531-24

Query Match
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
Db 15 AGAGAGAGAGAGAAA 1

RESULT 1034
US-09-612-531-25/c
; Sequence 25, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
```

NAME/KEY: misc_feature
LOCATION: (1)-(5)
OTHER INFORMATION: T*=2-O-GC
US-09-612-531-25

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1035
US-09-142-212A-3/c
Sequence 3, Application US/09142212A
Patent No. 6562960
GENERAL INFORMATION:
APPLICANT: Baxter, Anthony David
APPLICANT: Collingwood, Stephen Paul
APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John
TITLE OF INVENTION: Oligonucleotide Analogues
FILE REFERENCE: IS184385
CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09
PRIOR APPLICATION NUMBER: 97/00499
PRIOR FILING DATE: 1997-02-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 3
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
NAME/KEY: misc_feature
LOCATION: (4)
OTHER INFORMATION: Modified Internucleoside linkage
US-09-142-212A-3

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1036
US-09-142-212A-4/c
Sequence 4, Application US/09142212A
Patent No. 6562960
GENERAL INFORMATION:
APPLICANT: Baxter, Anthony David
APPLICANT: Collingwood, Stephen Paul
APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John
TITLE OF INVENTION: Oligonucleotide Analogues
FILE REFERENCE: IS184385
CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09
PRIOR APPLICATION NUMBER: 97/00499
PRIOR FILING DATE: 1997-02-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 4
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
NAME/KEY: misc_feature
LOCATION: (4)
OTHER INFORMATION: Modified Internucleoside linkage
NAME/KEY: misc_feature
LOCATION: (5)
OTHER INFORMATION: A thymidine residue having an alpha-methoxy group
OTHER INFORMATION: present at the 2'-position rather than a hydrogen
OTHER INFORMATION: atom
US-09-142-212A-4

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1037
US-09-142-212A-5/c
Sequence 5, Application US/09142212A
Patent No. 6562960
GENERAL INFORMATION:
APPLICANT: Baxter, Anthony David
APPLICANT: Collingwood, Stephen Paul
APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John
TITLE OF INVENTION: Oligonucleotide Analogues
FILE REFERENCE: IS184385
CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09
PRIOR APPLICATION NUMBER: 97/00499
PRIOR FILING DATE: 1997-02-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 5
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
NAME/KEY: misc_feature
LOCATION: (5)
OTHER INFORMATION: Modified Internucleoside linkage
US-09-142-212A-5

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1038
US-09-142-212A-6/c
Sequence 6, Application US/09142212A
Patent No. 6562960
GENERAL INFORMATION:
APPLICANT: Baxter, Anthony David
APPLICANT: Collingwood, Stephen Paul
APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John
TITLE OF INVENTION: Oligonucleotide Analogues
FILE REFERENCE: IS184385
CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09

```

; PRIOR APPLICATION NUMBER: 97/00499
; PRIOR FILING DATE: 1997-02-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc_feature
; LOCATION: (1)..(5)
; OTHER INFORMATION: Modified internucleoside linkage
US-09-142-212A-6

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
DB      15 AGAGAGAGAGAGAAA 1

RESULT 1039
US-09-142-212A-9/c
; Sequence 9, Application US/09142212A
; Patent No. 6562960
; GENERAL INFORMATION:
; APPLICANT: Baxter, Anthony David
; APPLICANT: Collingwood, Stephen Paul
; APPLICANT: Douglas, Mark Edward
; APPLICANT: Taylor, Roger John
; TITLE OF INVENTION: Oligonucleotide Analogues
; FILE REFERENCE: ISIS4385
; CURRENT APPLICATION NUMBER: US/09/142,212A
; CURRENT FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: 97/00499
; PRIOR FILING DATE: 1997-02-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc_feature
; LOCATION: (5)..(6)
; OTHER INFORMATION: Modified internucleoside linkage
US-09-142-212A-9

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
DB      15 AGAGAGAGAGAGAAA 1

RESULT 1040
US-09-142-212A-13/c
; Sequence 13, Application US/09142212A
; Patent No. 6562960
; GENERAL INFORMATION:
; APPLICANT: Baxter, Anthony David
; APPLICANT: Collingwood, Stephen Paul
; APPLICANT: Douglas, Mark Edward
; APPLICANT: Taylor, Roger John
; TITLE OF INVENTION: Oligonucleotide Analogues
```

```

; FILE REFERENCE: ISIS4385
; CURRENT APPLICATION NUMBER: US/09/142,212A
; CURRENT FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: 97/00499
; PRIOR FILING DATE: 1997-02-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc_feature
; LOCATION: (4)
; OTHER INFORMATION: A nucleoside unit derived from Compound M
US-09-142-212A-13

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
DB      15 AGAGAGAGAGAGAAA 1

RESULT 1041
US-09-325-601-4
; Sequence 4, Application US/09325601
; Patent No. 6573045
; GENERAL INFORMATION:
; APPLICANT: Karn
; APPLICANT: Prescott
; TITLE OF INVENTION: Methods and Kits for Discovery of RNA-Binding Compounds
; FILE REFERENCE: 3950/81235
; CURRENT APPLICATION NUMBER: US/09/325,601
; CURRENT FILING DATE: 1999-06-03
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Human immunodeficiency virus
US-09-325-601-4

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 6.3e+02;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      2233 CTCTGCTCTCTGCT 2247
DB      1 CGCTGCTCTCTGCT 15

RESULT 1042
US-09-349-040A-6/c
; Sequence 6, Application US/09349040A
; Patent No. 6593466
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venktraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349,040A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6
; LENGTH: 15
```

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-6

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1043
US-09-349-040A-7/c
Sequence 7, Application US/09349040A
Patent No. 6593466
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
TITLE OF INVENTION: Functionalized Oligomers
FILE REFERENCE: ISIS-3811
CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-7

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1044
US-09-349-040A-8/c
Sequence 8, Application US/09349040A
Patent No. 6593466
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
TITLE OF INVENTION: Functionalized Oligomers
FILE REFERENCE: ISIS-3811
CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.0
SEQ ID NO 8
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-8

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1045
US-09-753-943D-3/c
Sequence 3, Application US/09753943D
Patent No. 6670468
GENERAL INFORMATION:
APPLICANT: Cuenoud, Bernard
APPLICANT: Altmann, Karl-Heinz
APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILE REFERENCE: 4-20890B/C1
CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR FILING DATE: 1998-05-27
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 22
SEQ ID NO 3
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthesized
NAME/KEY: misc_feature
LOCATION: 5
OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-3

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAA 1200
DB 15 AGAGAGAGAGAGAAA 1

RESULT 1046
US-09-753-943D-4/c
Sequence 4, Application US/09753943D
Patent No. 6670468
GENERAL INFORMATION:
APPLICANT: Cuenoud, Bernard
APPLICANT: Altmann, Karl-Heinz
APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILE REFERENCE: 4-20890B/C1
CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR FILING DATE: 1998-05-27
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 22
SEQ ID NO 4
LENGTH: 15
TYPE: DNA

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5, 7, 9, 11 and 13
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-4

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
Db      15 AGAGAGAGAGAGAAA 1

RESULT 1047
US-09-753-943D-6/c
; Sequence 6, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-208908/C1
; CURRENT APPLICATION NUMBER: US/09/753,943D
; PRIOR FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194,844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc_feature
; LOCATION: 1-5
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-6

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
Db      15 AGAGAGAGAGAGAAA 1

RESULT 1048
US-09-753-943D-7/c
; Sequence 7, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-208908/C1
; CURRENT APPLICATION NUMBER: US/09/753,943D
; PRIOR FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194,844
```

```

; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 7
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc_feature
; LOCATION: 5-14
; OTHER INFORMATION: 2'-substituted sugar
; NAME/KEY: modified base
; LOCATION: 6, 8, 10, 12, 14
; OTHER INFORMATION: 5-methyl cytosine
US-09-753-943D-7

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
Db      15 AGAGAGAGAGAGAAA 1

RESULT 1049
US-09-753-943D-8/c
; Sequence 8, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-208908/C1
; CURRENT APPLICATION NUMBER: US/09/753,943D
; PRIOR FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194,844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc_feature
; LOCATION: 1-14
; OTHER INFORMATION: 2'-substituted sugar
; NAME/KEY: modified base
; LOCATION: 6, 8, 10, 12, 14
; OTHER INFORMATION: 5-methyl cytosine
US-09-753-943D-8

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
Db      15 AGAGAGAGAGAGAAA 1
```


Db 15 AGAGAGAGAGAAAA 1

RESULT 1050
US-09-753-943D-9/C
Sequence 9, Application US/09753943D
Patent No. 6670468
GENERAL INFORMATION:
APPLICANT: Cuenoud, Bernard
APPLICANT: Altmann, Karl-Heinz
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILE REFERENCE: 4-208908/CI
CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR FILING DATE: 1998-05-27
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 22
SEQ ID NO 9
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthesized
NAME/KEY: misc_feature
LOCATION: 5-14_feature
OTHER INFORMATION: 2'-substituted sugar
FEATURE:
NAME/KEY: modified_base
LOCATION: 6, 8, 10, 12, 14
OTHER INFORMATION: 5-methyl cytosine
US-09-753-943D-9

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAAA 1200
Db 15 AGAGAGAGAGAAAA 1

RESULT 1051
US-09-753-943D-10
Sequence 10, Application US/09753943D
Patent No. 6670468
GENERAL INFORMATION:
APPLICANT: Cuenoud, Bernard
APPLICANT: Altmann, Karl-Heinz
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILE REFERENCE: 4-208908/CI
CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR FILING DATE: 1998-05-27
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 22
SEQ ID NO 10
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: synthesized
FEATURE:
NAME/KEY: misc_feature
LOCATION: 11
OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-10

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAAA 1200
Db 1 AGAGAGAGAGAAAA 15

RESULT 1052
US-09-753-943D-11
Sequence 11, Application US/09753943D
Patent No. 6670468
GENERAL INFORMATION:
APPLICANT: Cuenoud, Bernard
APPLICANT: Altmann, Karl-Heinz
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILE REFERENCE: 4-208908/CI
CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR FILING DATE: 1998-05-27
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 22
SEQ ID NO 11
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthesized
NAME/KEY: misc_feature
LOCATION: 3, 5, 7, 9, 11
OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-11

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAAA 1200
Db 1 AGAGAGAGAGAAAA 15

RESULT 1053
US-09-753-943D-12
Sequence 12, Application US/09753943D
Patent No. 6670468
GENERAL INFORMATION:
APPLICANT: Cuenoud, Bernard
APPLICANT: Altmann, Karl-Heinz
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILE REFERENCE: 4-208908/CI
CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02738

```

; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 12
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc feature
; LOCATION: 11-14
; OTHER INFORMATION: 2'-substituted sugar
; US-09-753-943D-12

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
Db      1 AGAGAGAGAGAGAAA 15

RESULT 1054
US-09-753-943D-13
; Sequence 13, Application US/09753943D
; Patent No. 6670468
; GENERAL INFORMATION:
; APPLICANT: Cuenoud, Bernard
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Martin, Pierre
; APPLICANT: Moser, Heinz Ernst
; TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
; FILE REFERENCE: 4-208908/CI
; CURRENT APPLICATION NUMBER: US/09/753, 943D
; CURRENT FILING DATE: 2001-01-03
; PRIOR APPLICATION NUMBER: 09/194, 844
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/EP97/02738
; PRIOR FILING DATE: 1998-05-27
; PRIOR APPLICATION NUMBER: Switzerland 1432/96
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
; NAME/KEY: misc feature
; LOCATION: 2-11
; OTHER INFORMATION: 2'-substituted sugar
; US-09-753-943D-13

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
Db      1 AGAGAGAGAGAGAAA 15

RESULT 1055
US-10-294-203-4
; Sequence 4, Application US/10294203
; Patent No. 6753168
; GENERAL INFORMATION:
; APPLICANT: Froehner, Brian
; APPLICANT: Wagner, Rick
; US-10-294-203-12

; APPLICANT: Mateucci, Mark
; APPLICANT: Jones, Robert J.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Pudlo, Jeff
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; TITLE OF INVENTION: Containing Modified Pyrimidines
; FILE REFERENCE: GLIS0155
; CURRENT APPLICATION NUMBER: US/10/294, 203
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 08/599, 738
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: 10/024, 818
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; US-10-294-203-4

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1186 AGAGAGAGAGAGAAA 1200
Db      1 AGAGAGAGAGAGAAA 15

RESULT 1056
US-10-294-203-6
; Sequence 6, Application US/10294203
; Patent No. 6753168
; GENERAL INFORMATION:
; APPLICANT: Froehner, Brian
; APPLICANT: Wagner, Rick
; APPLICANT: Mateucci, Mark
; APPLICANT: Jones, Robert J.
; APPLICANT: Gutierrez, Arnold J.
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; TITLE OF INVENTION: Containing Modified Pyrimidines
; FILE REFERENCE: GLIS0155
; CURRENT APPLICATION NUMBER: US/10/294, 203
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 08/599, 738
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: 10/024, 818
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; US-10-294-203-6

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1182 AGAAGAAGAGAGAGA 1196
Db      1 AAAAAAGAGAGAGA 15

RESULT 1057
US-10-294-203-12
```

```
/ Sequence 12, Application US/10294203
/ Patent No. 6753168
/ GENERAL INFORMATION:
/ APPLICANT: Froehner, Brian
/ APPLICANT: Wagner, Rick
/ APPLICANT: Mateucci, Mark
/ APPLICANT: Jones, Robert J.
/ APPLICANT: Gutierrez, Arnold J.
/ APPLICANT: Pudlo, Jeff
/ TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
/ TITLE OF INVENTION: Containing Modified Pyrimidines
/ FILE REFERENCE: GLIS0155
/ CURRENT APPLICATION NUMBER: US/10/294,203
/ CURRENT FILING DATE: 2002-01-22
/ PRIOR APPLICATION NUMBER: 08/599,738
/ PRIOR FILING DATE: 1996-02-12
/ PRIOR APPLICATION NUMBER: 10/024,818
/ PRIOR FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 54
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 12
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic construct
US-10-294-203-12
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1182 AGAAGAGAGAGAGA 1196
DB 1 AAAAAGAGAGAGAGA 15
```

```
RESULT 1058
US-10-294-203-40/c
/ Sequence 40, Application US/10294203
/ Patent No. 6753168
/ GENERAL INFORMATION:
/ APPLICANT: Froehner, Brian
/ APPLICANT: Wagner, Rick
/ APPLICANT: Mateucci, Mark
/ APPLICANT: Jones, Robert J.
/ APPLICANT: Gutierrez, Arnold J.
/ APPLICANT: Pudlo, Jeff
/ TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
/ TITLE OF INVENTION: Containing Modified Pyrimidines
/ FILE REFERENCE: GLIS0155
/ CURRENT APPLICATION NUMBER: US/10/294,203
/ CURRENT FILING DATE: 2002-01-22
/ PRIOR APPLICATION NUMBER: 08/599,738
/ PRIOR FILING DATE: 1996-02-12
/ PRIOR APPLICATION NUMBER: 10/024,818
/ PRIOR FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 54
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 40
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic construct
US-10-294-203-40
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1182 AGAAGAGAGAGAGA 1196
DB 1 AAAAAGAGAGAGAGA 15
```

```
DB 15 AAAAAGAGAGAGAGA 1
RESULT 1059
US-10-294-203-49
/ Sequence 49, Application US/10294203
/ Patent No. 6753168
/ GENERAL INFORMATION:
/ APPLICANT: Froehner, Brian
/ APPLICANT: Wagner, Rick
/ APPLICANT: Mateucci, Mark
/ APPLICANT: Jones, Robert J.
/ APPLICANT: Gutierrez, Arnold J.
/ APPLICANT: Pudlo, Jeff
/ TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
/ TITLE OF INVENTION: Containing Modified Pyrimidines
/ FILE REFERENCE: GLIS0155
/ CURRENT APPLICATION NUMBER: US/10/294,203
/ CURRENT FILING DATE: 2002-01-22
/ PRIOR APPLICATION NUMBER: 08/599,738
/ PRIOR FILING DATE: 1996-02-12
/ PRIOR APPLICATION NUMBER: 10/024,818
/ PRIOR FILING DATE: 2001-12-18
/ NUMBER OF SEQ ID NOS: 54
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 49
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic construct
US-10-294-203-49
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1182 AGAAGAGAGAGAGA 1196
DB 1 AAAAAGAGAGAGAGA 15
```

```
RESULT 1060
US-09-856-662-78
/ Sequence 78, Application US/09856662
/ Patent No. 6790616
/ GENERAL INFORMATION:
/ APPLICANT: MORIBE, Toyoki et al.
/ TITLE OF INVENTION: Method for typing HLA class 1 genes
/ FILE REFERENCE: 0032-0261P
/ CURRENT APPLICATION NUMBER: US/09/856,662
/ CURRENT FILING DATE: 2001-05-24
/ PRIOR APPLICATION NUMBER: JP P1998-335151
/ PRIOR FILING DATE: 1998-11-26
/ NUMBER OF SEQ ID NOS: 130
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 78
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:DNA probe C-33
US-09-856-662-78
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4549 GAGCACTGATAGCC 4563
DB 1 GAGCACTGAGAGCC 15
```

RESULT 1061
US-08-086-630C-179/c
; Sequence 179, Application US/08086630C
; Patent No. 5747449
; GENERAL INFORMATION:
; APPLICANT: Ignace Laesters, Marc De Maeyer
; TITLE OF INVENTION: BOVINE PANCREATIC TRYPSIN INHIBITOR
; TITLE OF INVENTION: DERIVED INHIBITORS OF FACTOR Xa
; NUMBER OF SEQUENCES: 284
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44Mb storage
; COMPUTER: IBM Compatidle
; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/086,630C
; FILING DATE: July 1, 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 07/913,232
; FILING DATE: July 13, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 202/210
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 179:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-086-630C-179

Query Match 0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1365 GCTACTTCTACAAG 1379
DB 15 GCTACTTCTACAAG 1

RESULT 1062
US-08-086-328C-171/c
; Sequence 171, Application US/08086328C
; Patent No. 5807980
; GENERAL INFORMATION:
; APPLICANT: Ignace Laesters, Marc De Maeyer
; TITLE OF INVENTION: BOVINE PANCREATIC TRYPSIN INHIBITOR
; TITLE OF INVENTION: DERIVED INHIBITORS OF FACTOR VIIA-TISSUE
; NUMBER OF SEQUENCES: 294
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA

ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44Mb storage
; COMPUTER: IBM Compatidle
; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/086,328C
; FILING DATE: July 1, 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 07/952,801
; FILING DATE: September 25, 1992
; APPLICATION NUMBER: 07/913,232
; FILING DATE: July 13, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 202/211
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-086-328C-171

Query Match 0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1365 GCTACTTCTACAAG 1379
DB 15 GCTACTTCTACAAG 1

RESULT 1063
US-08-282-197C-37/c
; Sequence 37, Application US/08282197C
; Patent No. 5871730
; GENERAL INFORMATION:
; APPLICANT: Brezinski, Ryszard
; APPLICANT: Dery, Claude V
; TITLE OF INVENTION: Thermolabile Xylanase DNA, Protein and
; TITLE OF INVENTION: Methods of Use
; NUMBER OF SEQUENCES: 67
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Ave., NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatidle
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/282,197C
; FILING DATE: 29-JUL-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Cimbal, Michele A
; REGISTRATION NUMBER: 33,851
; REFERENCE/DOCKET NUMBER: 1050,0410000

```
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: both
US-08-282-197C-37

Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1040 CACCCAGCGCCCA 1054
Db      16 CACCTAACGCCCA 2

RESULT 1064
US-09-531-000-22/c
Sequence 22, Application US/09531000
Patent No. 6461810
GENERAL INFORMATION:
APPLICANT: JOHNSON, Marion D.
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
FILE REFERENCE: 2448-103
CURRENT FILING DATE: 2000-09-08
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: PCT/US98/23765
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: 60/064,997
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 22
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: Target
US-09-531-000-22

Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5414 AATGAAATTAAGCA 5428
Db      15 AATGAAATTAAGCA 1

RESULT 1065
US-09-475-947A-60/c
Sequence 60, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTS00667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 60
LENGTH: 16
TYPE: DNA
ORGANISM: human
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US-09-475-947A-60

Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      974 TCTCTGCTCACTCC 988
Db      15 TCTCTGCTCTCTCC 1

RESULT 1066
US-09-479-005A-461
Sequence 461, Application US/09479005A
Patent No. 6656731
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REFERENCE: MBH00-884-C
CURRENT APPLICATION NUMBER: US/09/479,005A
CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/444,209
PRIOR FILING DATE: 1999-11-19
PRIOR APPLICATION NUMBER: US 09/159,274
PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: US 60/059,473
PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
SOFTWARE: Patentin version 3.0
SEQ ID NO 461
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-479-005A-461

Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 66.7%; Pred. No. 6.6e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      2037 GTTGCTCAATCAAA 2051
Db      2 GUGGUCAUUCAA 16

RESULT 1067
US-09-155-885A-20/c
Sequence 20, Application US/09155885A
Patent No. 6703812
GENERAL INFORMATION:
APPLICANT: STUYVER, LIEVEN
APPLICANT: ROSSAU, RUDI
APPLICANT: MAERTENS, GEERT
TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
NUMBER OF SEQUENCES: 313
CORRESPONDENCE ADDRESS:
ADDRESSER: NIXON & VANDERHAYE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (BPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/155,885A
FILING DATE: 08-Oct-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP97/02002
FILING DATE: 21-APR-1997
```

APPLICATION NUMBER: EP 96870053.4
FILING DATE: 19-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: SADOFF, B. J.
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 2551-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-09-155-885A-20

Query Match 0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1522 GGGGCTGCTGGAATT 1536
Db 16 GGGAGCTGCGAATT 2

RESULT 1068
US-07-874-334-3/c
Sequence 3, Application US/07874334
Patent No. 5495009
GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, BOB
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
TITLE OF INVENTION: THIOFORMACETAL LINKAGES
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/874,334
FILING DATE: 19920424
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20005.24
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: misc_difference

LOCATION: replace(14, "")
OTHER INFORMATION: /note= "This position is (OCH2O)."
FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(16, "")
OTHER INFORMATION: /note= "This position is (OCH2O)."
US-07-874-334-3

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1180 AGGAAAGAGAGAGA 1196
Db 17 ANAAAAAGAGAGAGA 1

RESULT 1069
US-08-390-850-590
Sequence 590, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Gustafson, John T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 590:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-590

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1486 CTGATACCCAGAA 1500
Db 3 CUGGUUACCCAGAA 17

RESULT 1070
US-08-373-124A-1353/c
Sequence 1353, Application US/08373124A
Patent No. 5646042

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1353:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1353

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1;

Qy 196 TGCCCAACCCATC 210
Db 15 TGCCCAACCCATC 1

RESULT 1071
US-08-435-634-590
Sequence 590, Application US/08435634

Patent No. 5731295
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Gustafson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295, December 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 590:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-634-590

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 12; Conservative 2; Mismatches 1;

Qy 1486 CTGATACCCAGAA 1500
Db 3 CUGGUUACCCAGAA 17

RESULT 1072
US-08-257-784A-9/c
Sequence 9, Application US/08257784A
Patent No. 5789551

GENERAL INFORMATION:
APPLICANT: Pestka, Sidney
TITLE OF INVENTION: Super Proteins Including Interferons,
TITLE OF INVENTION: Interleukins, et al.
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Plevy & Associates

STREET: P.O. Box 1366, 146 Route 1 No. 5789551th
CITY: Edison
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 08818-1366
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 1.2 Mb storage
COMPUTER: IBM Compatible (Intel "386" CPU)
OPERATING SYSTEM: MS-DOS 5.0
SOFTWARE: WordPerfect Office 3.0 (ASCII Editor)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/257,784A
FILING DATE: June 10, 1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/076,231
FILING DATE: June 11, 1993
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Plevy, Arthur L.
REGISTRATION NUMBER: 24,277
REFERENCE/DOCKET NUMBER: PESTVA-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 572-5858
TELEFAX: (908) 572-5963
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-257-784A-9

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 567 CCTGAAGAGAGAGA 581
Db 15 CCTGATGAAGAGAGA 1

RESULT 1073
US-08-758-306-1209
Sequence 1209, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1209:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-1209

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 4154 GCTTCTCCCTCTGG 4168
Db 3 GCTUATCCCTCTGG 17

RESULT 1074
US-08-435-628-1353/C
Sequence 1353, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1353:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1353

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 196 TGCCCAACCCCATC 210
DB 15 TGCCCAACCCCATC 1

RESULT 1075
US-08-489-066A-13/C
Sequence 13, Application US/08489066A
Patent No. 5863293
GENERAL INFORMATION:
APPLICANT: PESTKA, SIDNEY
TITLE OF INVENTION: SUPER PROTEINS INCLUDING INTERFERONS,
TITLE OF INVENTION: INTERLEUKINS, ET AL.
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSER: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/489,066A
CLASSIFICATION: 435
FILING DATE: 09-JUN-1995
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/257,784
FILING DATE: 10-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/076,231
FILING DATE: 11-JUN-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Fehlner, Ph.D., Esq., Paul F.
REGISTRATION NUMBER: 35,135
REFERENCE/DOCKET NUMBER: 1705-1-002 CIPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
DESCRIPTION: Primer used in sequencing of Hu-IRN-
HYPOTHETICAL: NO

ANTI-SENSE: NO
US-08-489-066A-13
Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 567 CCTGATGACGAGGA 581
DB 15 CCTGATGACGAGGA 1

RESULT 1076
US-08-765-783A-79/C
Sequence 79, Application US/08765783A
Patent No. 5994524
GENERAL INFORMATION:
APPLICANT: Matsushima, Kouji
APPLICANT: Matsumoto, Yoshihiro
APPLICANT: Yamada, Yoshiki
APPLICANT: Sato, Koh
APPLICANT: Teuchiya, Masayuki
APPLICANT: Yamazaki, Tatsumi
TITLE OF INVENTION: Reshaped Human Antibody to
TITLE OF INVENTION: Interleukin-8
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSER: MORRISON & FOERSTER
STREET: 2000 Pennsylvania Avenue, NW, suite 5500
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,783A
FILING DATE: 07-MAR-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 35029-20001.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-887-1500
TELEFAX: 202-822-0168
TELEX:
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Other
LOCATION: 1...17
OTHER INFORMATION: HIP sequence
US-08-765-783A-79

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3088 GACCTGCTTTGGG 3102
DB 17 GACCTGCTTTGGG 3

```
RESULT 1077
US-08-489-072A-13/C
; Sequence 13, Application US/08489072A
; Patent No. 6001589
; GENERAL INFORMATION:
; APPLICANT: PESTKA, SIDNEY
; TITLE OF INVENTION: SUPER PROTEINS INCLUDING INTERPERONS,
; TITLE OF INVENTION: INTERLEUKINS, ET AL.
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/489, 072A
; FILING DATE: 09-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/257,784
; FILING DATE: 10-JUN-1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/076,231
; FILING DATE: 11-JUN-1993
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Fehlner, Ph.D., Bsq., Paul F.
; REGISTRATION NUMBER: 35,135
; REFERENCE/DOCKET NUMBER: 1705-1-002 CIPA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; DESCRIPTION: Primer used in sequencing of Hu-IFN- $\gamma$ 
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-489-072A-13

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 567 CCTGAGAGAGAGAGA 581
Db 15 CCTGATGAGAGAGAGA 1

RESULT 1078
US-08-825-487A-104/C
; Sequence 104, Application US/08825487A
; Patent No. 6048689
; GENERAL INFORMATION:
; APPLICANT: Murphy, Patricia D.
; APPLICANT: White, Margie B.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING VARIATIONS IN POLYNUCLEOTIDE SEQUENCE
; NUMBER OF SEQUENCES: 110
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: Howrey & Simon
; STREET: 1299 Pennsylvania Avenue., N.W.
; CITY: Washington,
; STATE: DC
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/825,487A
; FILING DATE: 28-MAR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US98/060002
; FILING DATE: 26-MAR-1998
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Albert P. Halliuh
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 05371.0012.999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-463-8100
; TELEFAX: 650-463-8400
; INFORMATION FOR SEQ ID NO: 104:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; FEATURE:
; NAME/KEY: Other
; LOCATION: 1..17
; OTHER INFORMATION: BRCA1 ASO 5382inBC-No. 6048689ma1
US-08-825-487A-104

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1954 GTCTGGGGGTTCTCT 1968
Db 15 GTCTGGGATTCTCT 1

RESULT 1079
US-08-985-162-185/C
; Sequence 185, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
```

OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 185:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-185

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1;

Qy 3073 GCTGAGACTGTCGANG 3087
Db 15 GCTGAGACTGTCGANG 1

RESULT 1080
US-08-985-162-566/c
Sequence 566, Application US/08985162
Patent No. 6057156

GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OP DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 566:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-566

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1;

Qy 778 GCCCAGAGAGGCGCA 792
Db 15 GCCCAGAGAGGCGCA 1

RESULT 1081
US-09-416-557-79/c
Sequence 79, Application US/09416557
Patent No. 6245894

GENERAL INFORMATION:
APPLICANT: Matsushima, Kouji
APPLICANT: Matsumoto, Yoshihiro
APPLICANT: Yamada, Yoshiki
APPLICANT: Sato, Koh
APPLICANT: Teuchiya, Masayuki
APPLICANT: Yamazaki, Tatemu
TITLE OF INVENTION: Reshaped Human Antibody to
TITLE OF INVENTION: Interleukin-8
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 Pennsylvania Avenue, NW, suite 5500
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20006-1888

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/416,557
FILING DATE: 12-October-1999
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/765,783
FILING DATE: 7-March-1997
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 35029-20001.10
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-887-1500
TELEFAX: 202-822-0168
TELEX:

INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Other
LOCATION: 1...17
OTHER INFORMATION: HIP sequence
US-09-416-557-79

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3088 GACCTTGCTTGGG 3102
DB 17 GACCTTGCTTGGG 3

RESULT 1082
US-08-489-071A-13/C
Sequence 13, Application US/08489071A
Patent No. 6300474
GENERAL INFORMATION:
APPLICANT: PESTKA, SIDNEY
TITLE OF INVENTION: SUPER PROTEINS INCLUDING INTERFERONS,
TITLE OF INVENTION: INTERLEUKINS, ET AL.
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauder & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/489,071A
FILING DATE: 09-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/257,784
FILING DATE: 10-JUN-1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/076,231
FILING DATE: 11-JUN-1993
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Fehlner, Ph.D., Esq., Paul F.
REGISTRATION NUMBER: 35,135
REFERENCE/DOCKET NUMBER: 1705-1-002 CIPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
DESCRIPTION: Primer used in sequencing of Hu-IFN- γ
HYPOTHEetical: NO
ANTI-SENSE: NO
US-08-489-071A-13

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 567 CCTGAGAGAGAGA 581
DB 15 CCTGAGAGAGAGA 1

RESULT 1083
US-08-584-040-2095

Sequence 2095, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2095:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2095

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 7e+02; 3; Mismatches 1; Indels 0; Gaps 0;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
QY 3805 AAGACTGTACCGA 3819
DB 2 AAGACUUVUACCGA 16

RESULT 1084
US-08-584-040-5943/C
Sequence 5943, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR

NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5943:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-5943

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5411 AAAATGAAATATA 5425
DB 17 AAAATGAAATATA 3

RESULT 1085
US-08-584-040-5944/C
Sequence 5944, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5944:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-5944

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5411 AAAATGAAATATA 5425
DB 16 AAAATGAAATATA 2

RESULT 1086
US-08-584-040-5945/C
Sequence 5945, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5945:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-5945

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5411 AAAAATGAAATTA 5425
DB 15 AAAAATGAAATCA 1

RESULT 1087
US-09-480-017-8
Sequence 8, Application US/09480017
Patent No. 6388067
GENERAL INFORMATION:
APPLICANT: Yu, Su-May
APPLICANT: Tong, Wu-Fu
TITLE OF INVENTION: RICE CYSTEINE PROTEINASE GENE PROMOTER
FILE REFERENCE: 08919-038001
CURRENT APPLICATION NUMBER: US/09/480,017
CURRENT FILING DATE: 2000-01-10
NUMBER OF SEQ ID NOS: 11
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 8
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthesized primer
US-09-480-017-8

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 231 TCACCCCTCACCCTCC 245
DB 2 TCGCCCTCACCCTCC 16

RESULT 1088
US-09-474-432B-364
Sequence 364, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MBH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIORITY APPLICATION NUMBER: US 60/064,866
PRIORITY FILING DATE: 1997-11-05
PRIORITY APPLICATION NUMBER: US 60/084,727

PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 364
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-364

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 7e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
QY 3245 CTGACTGCTGCCAGC 3259
DB 3 CUGACUGCCCAUG 17

RESULT 1089
US-09-474-432B-691/C
Sequence 691, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MBH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 691
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-691

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 253 GCCCTGACCCATC 267
DB 17 GCCCTGACCCATC 3

RESULT 1090
US-09-474-432B-884
Sequence 884, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber

APPLICANT: Karpelesky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinner, Shann
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MHB00-831-B (247/276)
CURRENT FILING DATE: US/09/474,432B
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 884
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-884

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1412 AGAGAGCTGCGCTG 1426
DB 3 AGGAGAGCTGCGCTG 17

RESULT 1091
US-09-371-772B-640
Sequence 640, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 640
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-640

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 3805 AAGAACTGTATCCGA 3819
DB 2 AAGAACTGTATCCGA 16

RESULT 1092
US-09-371-772B-2780/C
Sequence 2780, Application US/09371772B
Patent No. 6566127

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2780
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-2780

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5411 AAAATGAAATCAA 5425
DB 17 AAAATGAAATCAA 3

RESULT 1093
US-09-371-772B-2781/C
Sequence 2781, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2781
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-2781

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5411 AAAATGAAATCAA 5425
DB 16 AAAATGAAATCAA 2

RESULT 1094
US-09-371-772B-2782/C
Sequence 2782, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:

```

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-U (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2782
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2782

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Query Match
Best Local Similarity 93.3%; Pred. No. 7e+02; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 5411 AAAATGAAATATAA 5425
Db 15 AAAATGAAATACA 1

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RESULT 1095
US-09-371-772B-4161
; Sequence 4161, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-U (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4161
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-4161

```

```

Query Match
Best Local Similarity 66.7%; Pred. No. 7e+02; Length 17;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

```

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QY 314 CTCGCGCTCCTCCC 328
Db 1 CTCUCGCGCTCCTCCC 15

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RESULT 1096
US-09-371-772B-4509/C
; Sequence 4509, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```

```

; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-U (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4509
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4509

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```

Query Match
Best Local Similarity 93.3%; Pred. No. 7e+02; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

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QY 3583 GCTTCCCATGTTGCT 3597
Db 17 GTTCCCATGTTGCT 3

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RESULT 1097
US-09-371-772B-4941
; Sequence 4941, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-U (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4941
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4941

```

```

Query Match
Best Local Similarity 73.3%; Pred. No. 7e+02; Length 17;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 3805 AAGACTGTATACCA 3819
Db 3 AAGACTGTATACCA 17

```

```

RESULT 1098
US-09-371-772B-6465
; Sequence 6465, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam

```


APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to the Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHB00, 876-J (237/198)
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6465
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6465

Query Match 0.2% Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 12; Conservative 2; Mismatches 1;

QY 191 AGCGTGCACACACC 205
DB 1 AGAGUCCACACACC 15

RESULT 1099
US-09-371-772B-6873/c
Sequence 6873, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to the Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHB00, 876-J (237/198)
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6873
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6873

Query Match 0.2% Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1;

QY 4944 TGCCTTGCTGGGCA 4958
DB 15 TGCCTTGCTGGGCA 1

RESULT 1100
US-09-371-772B-6929
Sequence 6929, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to the Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHB00, 876-J (237/198)
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6929
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6929

Query Match 0.2% Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 1; Mismatches 1;

QY 199 CCACACCCCATCTCC 213
DB 3 CCACACCCCAACUCC 17

RESULT 1101
US-09-330-785-2
Sequence 2, Application US/09330785
Patent No. 6589798
GENERAL INFORMATION:
APPLICANT: Iofas, Stefan
TITLE OF INVENTION: METHOD AND SYSTEM FOR ANALYTE DETERMINATION
FILE REFERENCE: 740073.447US
CURRENT FILING DATE: 1999-06-11
NUMBER OF SEQ ID NOS: 2
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: FITC-labelled oligonucleotide
US-09-330-785-2

Query Match 0.2% Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1;

QY 1293 TTCTGTGAGAGAG 1307
DB 1 TTCTGTGAGAGAG 15

RESULT 1102
US-09-476-387-363
Sequence 363, Application US/09476387
Patent No. 6617438
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpelesky, Alex
APPLICANT: Adams, Jasenka Matulic
APPLICANT: Swedler, Dave
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
FILE REFERENCE: MHB00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387

;; CURRENT FILING DATE: 2001-04-04
;; PRIOR APPLICATION NUMBER: 09/474,432
;; PRIOR FILING DATE: 1999-12-29
;; PRIOR APPLICATION NUMBER: 09/301,511
;; PRIOR FILING DATE: 1999-04-28
;; PRIOR APPLICATION NUMBER: 09/186,675
;; PRIOR FILING DATE: 1998-11-04
;; PRIOR APPLICATION NUMBER: 60/083,727
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/064,866
;; PRIOR FILING DATE: 1997-11-05
;; NUMBER OF SEQ ID NOS: 1524
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 363
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-09-476-387-363

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 7e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 3245 CTGACGTGCTGCCAG 3259
|:|||||:|
Db 3 CUGACUGCCGACG 17

RESULT 1103
US-09-476-387-690/C
; Sequence 690, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MEB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 690
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-690

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 253 GCCCTGACCCCATC 267
|||||||
Db 17 GCCCTGACCCCATC 3

RESULT 1104
US-09-476-387-883

;; Sequence 883, Application US/09476387
;; Patent No. 6617438
;; GENERAL INFORMATION:
;; APPLICANT: Ribozyne Pharmaceuticals, Inc.
;; APPLICANT: Beigelman, Leo
;; APPLICANT: Beaudry, Amber
;; APPLICANT: Karpeisky, Alex
;; APPLICANT: Adamic, Jasenka Matulic
;; APPLICANT: Sweedler, Dave
;; APPLICANT: Zinnen, Shawn
;; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
;; FILE REFERENCE: MEB00-831-C (249/073)
;; CURRENT APPLICATION NUMBER: US/09/476,387
;; CURRENT FILING DATE: 2001-04-04
;; PRIOR APPLICATION NUMBER: 09/474,432
;; PRIOR FILING DATE: 1999-12-29
;; PRIOR APPLICATION NUMBER: 09/301,511
;; PRIOR FILING DATE: 1999-04-28
;; PRIOR APPLICATION NUMBER: 09/186,675
;; PRIOR FILING DATE: 1998-11-04
;; PRIOR APPLICATION NUMBER: 60/083,727
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/064,866
;; PRIOR FILING DATE: 1997-11-05
;; NUMBER OF SEQ ID NOS: 1524
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 883
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-09-476-387-883

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1412 AGGAAAGCTGCGCTG 1426
|||:|||||:
Db 3 AGGAAAGCTGCGCTG 17

RESULT 1105
US-09-401-063-185/C
; Sequence 185, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 185:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-185

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3073 GCTGAGACTGCAG 3087
Db 15 GCTGACGACTGCAG 1

RESULT 1106
US-09-401-063-566/C
Sequence 566, Application US/09401063
Patent No. 6623862
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fitch Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S. A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PasteSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 566:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-566

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 778 GCCCAGAGGGGCA 792
Db 15 GCCCAGAGGGGCA 1

RESULT 1107
US-09-866-108A-1348
Sequence 1348, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A60MICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263, 6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: A60MICA Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1348
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1348

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1675 GGAAGAATGGGACA 1689
Db 3 GGAAGAATGGGACA 17

RESULT 1108

```
US-09-866-108A-1349
; Sequence 1349, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shatton G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1349
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1349

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1675 GGAAAGATGGGACA 1689
Db      2 GGAAAGATGGGACA 16

RESULT 1109
US-09-866-108A-1891
; Sequence 1891, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shatton G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
```

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; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1891
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1891

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3255 CCGAGACTGGCCTC 3269
Db      3 CCGAGACTGGCCTC 17

RESULT 1110
US-09-866-108A-1896
; Sequence 1896, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shatton G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1896
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1896

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1;

3258 GGACCTGGCTCTGT 3272
1 GGACCTGGCTCTCT 15

RESULT 1111

US-09-866-108A-6111/c
Sequence 6111, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6111
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6111

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1;

2134 GAAAACTCAGG 2148
17 GAAATCTCAGG 3

RESULT 1112

US-09-866-108A-6114/c
Sequence 6114, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6114
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6114

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1;

2133 GAAAACTCAGG 2147
15 GAAATCTCAGG 1

RESULT 1113

US-09-866-108A-6198/c
Sequence 6198, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26

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; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6198
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6198
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```

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      901 GGGTGACCCAGGCG 915
        |||||
Db       17 GGGTGATCCAGGCG 3
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RESULT 1114
; US-09-866-108A-6201/c
; Sequence 6201, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
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; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6201
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6201
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```

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      900 GGGTGACCCAGGCG 914
        |||||
Db       15 GGGTGATCCAGGCG 1
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RESULT 1115
; US-09-866-108A-6256/c
; Sequence 6256, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6256
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6256
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Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      1476 TGGCCAGGCGCTGGA 1490
        |||||
Db       17 TGGCCCGGCGCTGGA 3
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RESULT 1116
US-09-866-108A-6259/C
; Sequence 6259, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6259
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6259

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      1475 TTGCCCCGAGCCTGG 1489
Db      15 TTGCCCCGAGCCTGG 1

RESULT 1117
US-09-866-108A-6516
; Sequence 6516, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: PCT/US01/00663
```

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; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6516
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6516

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      854 CCACCTCCACCGCAG 868
Db      3 CCACACACCGCAG 17

RESULT 1118
US-09-866-108A-6517
; Sequence 6517, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
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; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6517
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6517

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      854 CCACCTCCACCGCAG 868
Db      2 CCACCCACCGCAG 16

RESULT 1119
US-09-866-108A-6518
; Sequence 6518, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6518
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6518

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      854 CCACCTCCACCGCAG 868
Db      1 CCACCCACCGCAG 15
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RESULT 1120
US-09-866-108A-6759/c
; Sequence 6759, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6759
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6759

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      621 CTCGAGAGCTTTC 635
Db      17 CTCGAGAGCTTTC 3

RESULT 1121
US-09-866-108A-6760/c
; Sequence 6760, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6760
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6760

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 621 CTCGAGAGCTCTTC 635
DB 16 CTCGAGAGCTCTTC 2

RESULT 1122
US-09-866-108A-6761/c
Sequence 6761, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wenheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6761
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6761

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 621 CTCGAGAGCTCTTC 635
DB 15 CTCGAGAGCTCTTC 1

RESULT 1123
US-09-866-108A-7121
Sequence 7121, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wenheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7121
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7121

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1194 AGAGAAATCAGAGAA 1208
||| ||||| |||||

Db 3 AGAAAATCAGAGAA 17

RESULT 1124

US-09-866-108A-7122

Sequence 7122, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: A60MICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: A60MICA Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 7122

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-7122

Query Match 0.2%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1194 AGGAATTCAGAGAA 1208

Db 2 AGAAAATCAGAGAA 16

RESULT 1125

US-09-866-108A-7123

Sequence 7123, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: A60MICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: A60MICA Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 7123

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-7123

Query Match 0.2%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1194 AGGAATTCAGAGAA 1208

Db 1 AGAAAATCAGAGAA 15

RESULT 1126

US-09-866-108A-7408

Sequence 7408, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: A60MICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7408
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7408

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      658 GAGAGACGAGTGC 672
Db      3 GAGCAGCAGTGC 17

RESULT 1127
; Sequence 7411, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharton G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7411
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7411

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      659 AGAAGACGAGTGC 673
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7408
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7408

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      2645 AGCTGCTGCTGAGC 2659
Db      17 AGCTGCTGCTGAGC 3

RESULT 1129
; Sequence 7801, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharton G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7796
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7796

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      2645 AGCTGCTGCTGAGC 2659
Db      17 AGCTGCTGCTGAGC 3
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```

CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7801
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7801
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Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      2641 CTGCAGCTGCTGCTG 2655
Db      16 CTTCAGCTGCTGCTG 2
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```

RESULT 1130
US-09-866-108A-7802/c
Sequence 7802, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David R.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEWICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7802
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7802
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```

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      2641 CTGCAGCTGCTGCTG 2655
Db      15 CTTCAGCTGCTGCTG 1
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```

RESULT 1131
US-09-866-108A-7830
Sequence 7830, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David R.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEWICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7830
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7830
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Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 3065 GCCTCAGCTGAG 3079
Db 3 GCCTCAGCTGAG 17

RESULT 1132
US-09-866-108A-7831
Sequence 7831, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7831
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7831

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3065 GCCTCAGCTGAG 3079
Db 2 GCCTCAGCTGAG 16

RESULT 1133
US-09-866-108A-7832
Sequence 7832, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7832
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7832

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3065 GCCTCAGCTGAG 3079
Db 1 GCCTCAGCTGAG 15

RESULT 1134
US-09-866-108A-8355
Sequence 8355, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8355
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8355

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      574 AACGAGAGCTGAAG 588
Db      3 AACGAGAGCTGAG 17

RESULT 1135
US-09-866-108A-8356
; Sequence 8356, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OR INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8356
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8356

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      574 AACGAGAGCTGAAG 588
Db      2 AACGAGAGCTGAG 16

RESULT 1136
US-09-866-108A-8365/C
; Sequence 8365, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OR INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8365
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8365

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2780 TGTGACATTTCTGCA 2794
Db      17 TGTGACATTTCTGCA 3

RESULT 1137
US-09-866-108A-8366/C
; Sequence 8366, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
```

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263, 6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8366
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8366

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2780 TTGTCACCTTCTGCA 2794
DB 16 TTGTCACCTTCTGCA 2

RESULT 1138
US-09-866-108A-8367/C
Sequence 8367, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263, 6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8367
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8367

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2780 TTGTCACCTTCTGCA 2794
DB 15 TTGTCACCTTCTGCA 1

RESULT 1139
US-09-866-108A-8646
Sequence 8646, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263, 6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8646
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8646

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;

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Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2641 CTCGAGCTGCTGCTG 2655
Db 3 CTCGAGCTGAGCTG 17

RESULT 1140
US-09-866-108A-8646/c
; Sequence 8646, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8646
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8646

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2644 CAGCTGCTGCTGAG 2658
Db 17 CAGCTGAGCTGAG 3

RESULT 1141
US-09-866-108A-8647
; Sequence 8647, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8647
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8647

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2641 CTCGAGCTGCTGCTG 2655
Db 2 CTCGAGCTGAGCTG 16

RESULT 1142
US-09-866-108A-8647/c
; Sequence 8647, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8647
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8647
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8647
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8647

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2644 CAGCTGCTGCTGCAG 2658
Db      16 CAGCTGCAGCTGCAG 2

RESULT 1143
US-09-866-108A-9545
; Sequence 9545, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9545
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9545

Query Match          0.2%; Score 13.4; DB 1; Length 17;
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```

Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      328 CTCCTGCTGCTTTC 342
Db      2 CTCCTGCTGCTTTC 16

RESULT 1144
US-09-866-108A-9546
; Sequence 9546, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9546
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9546

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      328 CTCCTGCTGCTTTC 342
Db      1 CTCCTGCTGCTTTC 15

RESULT 1145
US-09-866-108A-9649/C
; Sequence 9649, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
```

```

; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9649
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9649

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      309 GGGCCCTCTGGGCTC 323
Db      17 GGCTCTCTGGGCTC 3

RESULT 1146
US-09-866-108A-9650/c
; Sequence 9650 Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9650
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10663
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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9650
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9650

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      309 GGGCCCTCTGGGCTC 323
Db      16 GGCTCTCTGGGCTC 2

RESULT 1147
US-09-866-108A-10663/c
; Sequence 10663 Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10663
```


;; FILING DATE: 11-OCT-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Svensson, Leonard R.
; REGISTRATION NUMBER: 30,330
; REFERENCE/DOCKET NUMBER: 147-122PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-241-1300
; TELEFAX: 703-241-2848
; TELEX: 248345
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-591-383-4

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 734 TCCATACCTGGGAC 748
Db 2 TCCATACCTGGGAC 16

RESULT 1152
US-08-248-848-56
; Sequence 56, Application US/08248848
; Patent No. 5523217
; GENERAL INFORMATION:
; APPLICANT: Lupek, James R.
; APPLICANT: Versalovic, James
; TITLE OF INVENTION: Fingerprinting Bacterial Strains Using
; TITLE OF INVENTION: Repetitive DNA Sequence Amplification
; Patent No. 5523217
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/248,848
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/781,424
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D-5394
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5325
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
US-08-248-848-56

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1633 GAGCTGCCCCAGTCC 1647
Db 2 GAGCTGCCCCAGTCC 16

RESULT 1153
US-08-248-848-57/c
; Sequence 57, Application US/08248848
; Patent No. 5523217
; GENERAL INFORMATION:
; APPLICANT: Lupek, James R.
; APPLICANT: Versalovic, James
; TITLE OF INVENTION: Fingerprinting Bacterial Strains Using
; TITLE OF INVENTION: Repetitive DNA Sequence Amplification
; Patent No. 5523217
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/248,848
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/781,424
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D-5394
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5325
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
US-08-248-848-57

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1633 GAGCTGCCCCAGTCC 1647
Db 17 GAGCTGCCCCAGTCC 3

RESULT 1154
US-07-976-103A-10

Sequence 10, Application US/07976103A
Patent No. 5645985
GENERAL INFORMATION:
APPLICANT: FROELER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESSES:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/976,103A
FILING DATE: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-976-103A-10

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1186 AGAGAGAGAGAAA 1200
Db 1 AGAGAGAGAGAAA 15

RESULT 1155
US-08-261-822A-42/C
Sequence 42, Application US/08261822A
Patent No. 5650553
GENERAL INFORMATION:
APPLICANT: Ecker, Joseph R. et al.
TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
TITLE OF INVENTION: and Pathogens
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5650553r18
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/261,822A
FILING DATE: 17-JUN-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Beardsell, Lori Y.
REGISTRATION NUMBER: 34,293
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-261-822A-42

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 4239 CCGGCTCATCTCGA 4253
Db 18 CCGGCTCATCTCGA 4

RESULT 1156
US-08-111-077-56
Sequence 56, Application US/08111077
Patent No. 5691136
GENERAL INFORMATION:
APPLICANT: Lupski, James R.
APPLICANT: Veralovic, James
APPLICANT: Koehn, Thearith
TITLE OF INVENTION: Fingerprinting Bacterial Strains Using
Repetitive DNA Sequence Amplification
Patent No. 5691136
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Fulbright & Jaworski
STREET: 1301 McKinney, Suite 5100
CITY: Houston
STATE: Texas
COUNTRY: U.S.A.
ZIP: 77010-3095
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/111,077
FILING DATE: 19930824
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Paul, Thomas D.
REGISTRATION NUMBER: 32,714
REFERENCE/DOCKET NUMBER: D-5394
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713/651-5325
TELEFAX: 713/651-5246
TELEX: 762829
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

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; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
US-08-111-077-56

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1633 GAGCTGCGCCAGTCC 1647
Db 2 GAGCTGCGCCAGTCC 16

RESULT 1157
US-08-111-077-57/c
; Sequence 57, Application US/08111077
; Patent No. 5691136
; GENERAL INFORMATION:
; APPLICANT: Lupski, James R.
; APPLICANT: Versalovic, James
; TITLE OF INVENTION: Fingerprinting Bacterial Strains Using
; TITLE OF INVENTION: Repetitive DNA Sequence Amplification
; Patent No. 5691136
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/111,077
; FILING DATE: 19930824
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D-5394
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5325
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
US-08-111-077-57

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1633 GAGCTGCGCCAGTCC 1647
Db 17 GAGCTGCGCCAGTCC 3

RESULT 1158
US-08-145-617-4
; Sequence 4, Application US/08145617
; Patent No. 5766447
; GENERAL INFORMATION:
```

```
; APPLICANT: Jackle, Herbert
; APPLICANT: Tautz, Dietrich
; TITLE OF INVENTION: PROCESS FOR ANALYZING LENGTH
; TITLE OF INVENTION: POLYMORPHISMS IN DNA REGIONS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH
; STREET: 301 N. Washington Street, P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: United States of America
; ZIP: 22046
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,617
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/681,494
; FILING DATE: 10-JUN-1991
; APPLICATION NUMBER: DE P3834636.2
; FILING DATE: 11-OCT-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Svensson, Leonard R.
; REGISTRATION NUMBER: 30,330
; REFERENCE/DOCKET NUMBER: 147-122PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-241-1300
; TELEFAX: 703-241-2848
; TELEX: 248345
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-145-617-4

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 734 TCCATACCTGGGAGC 748
Db 2 TCCATACCTGGGAGC 16

RESULT 1159
US-08-758-306-509
; Sequence 509, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwigen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
```

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 509:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-509

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 60.0%; Pred. No. 7.3e+02;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy 283 CAGCTGACTTCTTC 297
|||:|:|:|:|:|:|
Db 3 CAGCTGAVUUCUCC 17

RESULT 1160
US-08-473-481-10
Sequence 10, Application US/08473481
Patent No. 5830653
GENERAL INFORMATION:
APPLICANT: PROHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-473-481-10

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1186 AGAGAGAGAGAGAA 1200
|||||
Db 1 AGAGAGAGAGAGAAA 15

RESULT 1161
US-08-585-684B-2581/C
Sequence 2581, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: storage
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2581:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-2581

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1109 CCAGAGCAGCAGC 1123
DB 16 CCAGAGCAGCAGCAG 2

RESULT 1162
US-08-585-684B-2672/c
Sequence 2672, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2672:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-2672

Query Match 0.2%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 438 CAAGACAGCAGCAGC 452
DB 15 CAAGACAGCAGCAGC 1

RESULT 1163
US-08-951-648-12
Sequence 12, Application US/08951648
Patent No. 5932465
GENERAL INFORMATION:
APPLICANT: Loughney, Kate
TITLE OF INVENTION: Phosphodiesterase 8
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 233 South Wacker, Sears Tower Suite 6300
CITY: Chicago
STATE: Illinois
COUNTRY: US
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/951,648
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Williams Jr., Joseph A.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 27866/34038
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
TELEFAX: 312-474-0448
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: cDNA
US-08-951-648-12

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3962 TGGCAGGCGCTCTGC 3976
DB 2 TGGCAGGCGCTCTGC 16

RESULT 1164
US-08-996-306-49
Sequence 49, Application US/08996306
Patent No. 5945522
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Blumenfeld, Marta
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate cancer gene
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 501 West Broadway
CITY: San Diego
STATE: California

COUNTRY: USA
ZIP: 92101-3505
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: WIN95
SOFTWARE: Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/996,306
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Israelien, Ned A.
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: GENSET.018A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULAR TYPE: DNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: 4-26-RP downstream primer
LOCATION: 1..18
US-08-996-306-49

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3075 TGAGACTGCAAGA 3089
Db 1 TGAGACTGCTAGGA 15

RESULT 1165
US-09-156-979-30/c
Sequence 30, Application US/09156979
Patent No. 5962672
GENERAL INFORMATION:
APPLICANT: Cowert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF RHO8 EXPRESSION
FILE REFERENCE: RTS-0013
CURRENT APPLICATION NUMBER: US/09/156,979
CURRENT FILING DATE: 1998-09-18
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 30
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-09-156-979-30

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1628 GCAGAGAGTGGCC 1642
Db 18 GCACAGAGCTGCC 4

RESULT 1166
US-09-161-015-17
Sequence 17, Application US/09161015A
Patent No. 5965370

GENERAL INFORMATION:
APPLICANT: Lex M. Cowert
TITLE OF INVENTION: ANTISENSE MODULATION OF RHO8 EXPRESSION
FILE REFERENCE: RTS-0015
CURRENT APPLICATION NUMBER: US/09/161,015A
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 17
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-09-161-015-17

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 761 GGTCACTGTGCGCC 775
Db 2 GTTCACTGTGCGCC 16

RESULT 1167
US-09-161-015-24
Sequence 24, Application US/09161015A
Patent No. 5965370
GENERAL INFORMATION:
APPLICANT: Lex M. Cowert
TITLE OF INVENTION: ANTISENSE MODULATION OF RHO8 EXPRESSION
FILE REFERENCE: RTS-0015
CURRENT APPLICATION NUMBER: US/09/161,015A
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 24
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-09-161-015-24

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4503 ACCTCTGATGCC 4517
Db 1 ACCTCTGATGCCAC 15

RESULT 1168
US-09-166-203-15/c
Sequence 15, Application US/09166203A
Patent No. 5968826
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Condon, Tom P.
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
FILE REFERENCE: ISPH-0323
CURRENT APPLICATION NUMBER: US/09/166,203A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 60
SEQ ID NO 15
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-203-15

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5410 AAAAAATGAAATTA 5424
DB 17 AAAAAATGAAATTA 3

RESULT 1169
US-08-544-381B-57
; Sequence 57, Application US/08544381B
; Patent No. 6027880
; GENERAL INFORMATION:
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Miyada, Charles Garrett
; APPLICANT: Hubbell, Earl A.
; APPLICANT: Chee, Mark
; APPLICANT: Fodor, Stephen P.A.
; APPLICANT: Huang, Xiaohua C.
; APPLICANT: Lipshutz, Robert J.
; APPLICANT: Lobban, Peter E.
; APPLICANT: Morris, Macdonald S.
; APPLICANT: Sheldon, Edward L.
; TITLE OF INVENTION: Arrays of Nucleic Acid Probes for
; TITLE OF INVENTION: Detecting Cystic Fibrosis
; NUMBER OF SEQUENCES: 250
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/544,381B
; FILING DATE: 10-OCT-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/510,521
; FILING DATE: 02-AUG-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/12305
; FILING DATE: 26-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/284,064
; FILING DATE: 02-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/143,312
; FILING DATE: 26-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-004130US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-576-0200
; TELEFAX: 415-576-0300
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: DNA (oligonucleotide)
US-08-544-381B-57

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1277 ACCACCATGGAGC 1291
DB 3 ACCACCACGGAGC 17

RESULT 1170
US-09-256-465-29/c
; Sequence 29, Application US/09256465
; Patent No. 6043090
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-2 EXPRESSION
; FILE REFERENCE: RTS-0035
; CURRENT APPLICATION NUMBER: US/09/256,465
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-465-29

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3605 ATCTCAACTCTGTG 3619
DB 15 ATCTCAACTCTTG 1

RESULT 1171
US-09-163-162-36/c
; Sequence 36, Application US/09163162
; Patent No. 6077709
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Ackermann, Elizabeth J.
; APPLICANT: Swayze, Eric E.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF Survivin EXPRESSION
; FILE REFERENCE: RTS-0008
; CURRENT APPLICATION NUMBER: US/09/163,162
; CURRENT FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-163-162-36

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3871 TTGTGATGAGAGAA 3885
DB 16 TGTGTGATGAGAGAA 2

RESULT 1172
US-09-054-830-14/c
; Sequence 14, Application US/09054830
; Patent No. 6127121
; GENERAL INFORMATION:
; APPLICANT: Meyer, Rich

```

/ TITLE OF INVENTION: OLIGONUCLEOTIDES CONTAINING
/ TITLE OF INVENTION: PYRAZOLO[3,4-D]PYRIMIDINES FOR HYBRIDIZATION AND
/ TITLE OF INVENTION: MISMATCH DISCRIMINATION
/ NUMBER OF SEQUENCES: 20
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MORRISON & FOERSTER
/ STREET: 755 PAGE MILL ROAD
/ CITY: PALO ALTO
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94304-1018
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: Windows
/ SOFTWARE: FASTSEQ for Windows Version 2.0b
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/054,830
/ FILING DATE:
/ CLASSIFICATION:
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Brennan, Sean M
/ REGISTRATION NUMBER: 39,917
/ REFERENCE/DOCKET NUMBER: 34469-20005.00
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650-813-5600
/ TELEFAX: 650-494-0792
/ TELEX: 706141
/ INFORMATION FOR SEQ ID NO: 14:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-09-054-830-14

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1076 GCTGGGATCCCCAC 1090
Db 15 GCTGGGAAACCCAC 1

RESULT 1173
US-09-174-437-12
/ Sequence 12, Application US/09174437A
/ Patent No. 6133007
/ GENERAL INFORMATION:
/ APPLICANT: Loughney, Kate
/ TITLE OF INVENTION: Phosphodiesterase 8A
/ FILE REFERENCE: 27866/35047
/ CURRENT APPLICATION NUMBER: US/09/174,437A
/ CURRENT FILING DATE: 1998-10-16
/ EARLIER APPLICATION NUMBER: 08/951,648
/ EARLIER FILING DATE: 1997-10-16
/ NUMBER OF SEQ ID NOS: 48
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 12
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-174-437-12

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Cy 3962 TGGCAGGCGCTCTGC 3976
Db 2 TGGCAGGCGCTCTGC 16

RESULT 1174
US-09-487-444-11/c
/ Sequence 11, Application US/09487444
/ Patent No. 6159697
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
/ FILE REFERENCE: RTS-0133
/ CURRENT APPLICATION NUMBER: US/09/487,444
/ CURRENT FILING DATE: 2000-01-19
/ NUMBER OF SEQ ID NOS: 49
/ SEQ ID NO 11
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-444-11

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 2641 CTGCAGCTGCTGCTG 2655
Db 18 CTGCAGCTGCTGCTG 4

RESULT 1175
US-09-286-407-36/c
/ Sequence 36, Application US/09286407A
/ Patent No. 6165788
/ GENERAL INFORMATION:
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Ackermann, Elizabeth J.
/ APPLICANT: Swayze, Eric B.
/ APPLICANT: Cowsett, Lex M.
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
/ FILE REFERENCE: ISPH-0349
/ CURRENT APPLICATION NUMBER: US/09/286,407A
/ CURRENT FILING DATE: 1999-04-05
/ NUMBER OF SEQ ID NOS: 48
/ SEQ ID NO 36
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURES:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-286-407-36

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 3871 TTGTGATGAGAGAA 3885
Db 16 TGTGTATGAGAGAA 2

RESULT 1176
US-09-474-922A-67
/ Sequence 67, Application US/09474922A
/ Patent No. 6187586
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Lex M. Cowsett
US-09-474-922A-67
```

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; APPLICANT: Richard A. Roth
; TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION
; FILE REFERENCE: RTS-0036
; CURRENT APPLICATION NUMBER: US/09/474,922A
; NUMBER OF SEQ ID NOS: 1999-12-29
; SEQ ID NO 67
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-474-922A-67

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1443 TCGAGGACATTAT 1457
DB 4 TCGAGAAATTAT 18

RESULT 1177
US-09-038-073-2581/c
; Sequence 2581, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELETYPE: 67-3510
; INFORMATION FOR SEQ ID NO: 2581:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-2581

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 0.2%; Score 13.4; DB 1; Length 18;
DB 93.3%; Pred. No. 7.3e+02;

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1109 CCAGAGCAGCAGG 1123
DB 16 CCAGAGCAGCAGG 2

RESULT 1178
US-09-038-073-2672/c
; Sequence 2672, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELETYPE: 67-3510
; INFORMATION FOR SEQ ID NO: 2672:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-2672

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 438 CAAAGCAGCAGCTG 452
DB 15 CAAAGCAGCAGCTG 1

RESULT 1179
US-09-071-433-14
; Sequence 14, Application US/09071433A
; Patent No. 6197584
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Cowsett, Lex M
; TITLE OF INVENTION: Antisense Modulation of CD40 Expression
; FILE REFERENCE: RTS-0002
```

CURRENT APPLICATION NUMBER: US/09/071,433A
CURRENT FILING DATE: 1998-05-01
NUMBER OF SEQ ID NOS: 91
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 14
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-071-433-14

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 438 CAAGAAGACAGACTG 452
DB 3 CAAGAAGACAGACTG 17

RESULT 1180
US-09-038-637-142/c
Sequence 142, Application US/09038637
Patent No. 6235470
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
NUMBER OF SEQUENCES: 195
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,637
FILING DATE: 10-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/579,233
FILING DATE: 28-DEC-1995
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Hallie, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/146001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 142:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
US-09-038-637-142

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3607 CTCAAACTCTGAGC 3621
DB 18 CTCAAACTCTGAGC 4

RESULT 1181
US-08-338-352-11
Sequence 11, Application US/08338352
Patent No. 6235887
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: JONES, ROBERT J.
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED
TITLE OF INVENTION: PYRIMIDINES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FORSTER
STREET: 755 Page Mall Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIG, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-338-352-11

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAA 1200
DB 1 AGAGAGAGAGAAA 15

RESULT 1182
US-09-377-309-15/c
Sequence 15, Application US/09377309B
Patent No. 6258790
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Condon, Tom P.
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
FILE REFERENCE: ISPH-0390
CURRENT APPLICATION NUMBER: US/09/377,309B
CURRENT FILING DATE: 1999-08-19
EARLIER APPLICATION NUMBER: 09/166,203
EARLIER FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 99
SEQ ID NO 15
LENGTH: 18

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-377-309-15

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5410 AAAAATGAAATTA 5424
Db      17 AAGAATGAAATTA 3

RESULT 1183
US-09-338-907-49
; Sequence 49, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CP1CP
; CURRENT APPLICATION NUMBER: US/09/338,907
; EARLIER FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 49
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 4-26-RP
US-09-338-907-49

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3075 TGAGACTGCAAGA 3089
Db      1 TGAGACTGCTAGCA 15

RESULT 1184
US-09-338-907-385
; Sequence 385, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CP1CP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207

; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 49
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer for SEQ 192, SEQ 269, SEQ 193, SEQ
US-09-338-907-385

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3075 TGAGACTGCAAGA 3089
Db      1 TGAGACTGCTAGCA 15

RESULT 1185
US-08-778-794A-115
; Sequence 115, Application US/08778794A
; Patent No. 6309823
; GENERAL INFORMATION:
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Miyada, Charles Garrett
; APPLICANT: Hubbell, Earl A.
; APPLICANT: Chee, Mark
; APPLICANT: Fodor, Stephen P.A.
; APPLICANT: Huang, Xiaohua C.
; APPLICANT: Lipschutz, Robert J.
; APPLICANT: Lobban, Peter B.
; APPLICANT: Morris, MacDonald S.
; APPLICANT: Sheldon, Edward L.
; TITLE OF INVENTION: Arrays of Nucleic Acid Probes
; TITLE OF INVENTION: for Analyzing Biotransformation Genes
; NUMBER OF SEQUENCES: 156
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/778,794A
; FILING DATE: 03-JAN-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/143,312
; FILING DATE: 26-OCT-1993
; APPLICATION NUMBER: US 08/284,064
; FILING DATE: 02-AUG-1994
; APPLICATION NUMBER: WO PCT/US94/12305
; FILING DATE: 26-OCT-1994
; APPLICATION NUMBER: US 08/510,521
; FILING DATE: 02-AUG-1995
; APPLICATION NUMBER: US 08/544,381
; FILING DATE: 10-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-015700US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
```

TELEFAX: (415) 576-0200
TELEX:
INFORMATION FOR SEQ ID NO: 115:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-778-794A-115

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1277 ACCACCATGGAGC 1291
DB 3 ACCACCACGGAGC 17

RESULT 1186
US-09-496-694B-45/c
Sequence 45, Application US/09496694B
Patent No. 6335194
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric B. Swayze
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0439
CURRENT APPLICATION NUMBER: US/09/496,694B
CURRENT FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 45
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-45

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3871 TTGTGTATGAGAGA 3885
DB 16 TGTGTATGAGAGA 2

RESULT 1187
US-09-496-694B-85/c
Sequence 85, Application US/09496694B
Patent No. 6335194
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric B. Swayze
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0439
CURRENT APPLICATION NUMBER: US/09/496,694B
CURRENT FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249

SEQ ID NO 85
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-85

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3871 TTGTGTATGAGAGA 3885
DB 16 TGTGTATGAGAGA 2

RESULT 1188
US-09-218-207-49
Sequence 49, Application US/09218207
Patent No. 6346381
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilye, Chumakov
TITLE OF INVENTION: Prostate cancer gene
FILE REFERENCE: GENSET.018CP1
CURRENT APPLICATION NUMBER: US/09/218,207
CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
SEQ ID NO 49
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 4-26-RP
US-09-218-207-49

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3075 TGAGACTGCAAGA 3089
DB 1 TGAGACTGCTAGA 15

RESULT 1189
US-09-218-207-385
Sequence 385, Application US/09218207
Patent No. 6346381
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilye, Chumakov
TITLE OF INVENTION: Prostate cancer gene
FILE REFERENCE: GENSET.018CP1
CURRENT APPLICATION NUMBER: US/09/218,207
CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 578

SOFTWARE: Patent.pm
SEQ ID NO 385
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer for SEQ 192, SEQ 269, SEQ 193, SH
US-09-218-207-385

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3075 TGAGACTGCAAGCA 3089
Db 1 TGAGACTGCTAGCA 15

RESULT 1190
US-08-584-040-8410/c
Sequence 8410, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8410:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-8410
Query Match 0.2%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2595 CTGCCGCTGCTCA 2609
Db 15 CTGCAGCTGCTCA 1

RESULT 1191
US-08-599-738A-10
Sequence 10, Application US/08599738A
Patent No. 6380368
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,738A
FILING DATE: 12-FEB-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162,3D2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-599-738A-10

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAA 1200
DB 1 AGAGAGAGAGAAA 15

RESULT 1192
US-09-637-751A-6/C
Sequence 6, Application US/09637751A
Patent No. 6383754
GENERAL INFORMATION:
APPLICANT: Kaufman, Joseph C.
APPLICANT: Roth, Matthew B.
APPLICANT: Lizardi, Paul M.
APPLICANT: Feng, Li
APPLICANT: Lattimer, Darin R.
TITLE OF INVENTION: Binary Encoded Sequence Tags
FILE REFERENCE: ISPH-0404
CURRENT APPLICATION NUMBER: US/09/637,751A
CURRENT FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-637-751A-6

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5401 ACAAAGAGAGAAA 5415
DB 18 ACAAAGAGAGAAA 4

RESULT 1193
US-09-387-341-91/C
Sequence 91, Application US/09387341
Patent No. 6410323
GENERAL INFORMATION:
APPLICANT: Roberts, M. Luisa
APPLICANT: Cowert, Lex M.
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
FILE REFERENCE: ISPH-0404
CURRENT APPLICATION NUMBER: US/09/387,341
CURRENT FILING DATE: 1999-08-31
EARLIER APPLICATION NUMBER: 09/156,424
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,979
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,807
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/161,015
EARLIER FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 233
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 91
LENGTH: 18
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-91

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1628 GCACGAGCTGGCCC 1642
DB 18 GCACGAGCTGGCCC 4

RESULT 1194
US-09-387-341-160
Sequence 160, Application US/09387341
Patent No. 6410323
GENERAL INFORMATION:
APPLICANT: Roberts, M. Luisa
APPLICANT: Cowert, Lex M.
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
FILE REFERENCE: ISPH-0404
CURRENT APPLICATION NUMBER: US/09/387,341
CURRENT FILING DATE: 1999-08-31
EARLIER APPLICATION NUMBER: 09/156,424
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,979
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,807
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/161,015
EARLIER FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 233
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 160
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-160

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 761 GGTCACTGTGGCCC 775
DB 2 GGTCACTGTGGCCC 16

RESULT 1195
US-09-387-341-167
Sequence 167, Application US/09387341
Patent No. 6410323
GENERAL INFORMATION:
APPLICANT: Roberts, M. Luisa
APPLICANT: Cowert, Lex M.
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
FILE REFERENCE: ISPH-0404
CURRENT APPLICATION NUMBER: US/09/387,341
CURRENT FILING DATE: 1999-08-31
EARLIER APPLICATION NUMBER: 09/156,424
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,979
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,807
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/161,015
EARLIER FILING DATE: 1998-09-25

```
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 167
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-167

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4503 ACCTCTGATGCCCC 4517
Db      1 ACCTCTGATGCCAC 15

RESULT 1196
US-09-144-367-36
; Sequence 36, Application US/09144367
; Patent No. 6432639
; GENERAL INFORMATION:
; APPLICANT: Lichter, Jay
; APPLICANT: Guido, Marco
; TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
; FILE REFERENCE: SEQ-12P
; CURRENT APPLICATION NUMBER: US/09/144,367
; CURRENT FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/058,612
; PRIOR FILING DATE: 1997-09-10
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-144-367-36

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1799 TCTGTCTGACTGGA 1813
Db      3 TCTGTCTGACTGGA 17

RESULT 1197
US-09-431-385-14/C
; Sequence 14, Application US/09431385
; Patent No. 6485906
; GENERAL INFORMATION:
; APPLICANT: Meyer, Rich
; TITLE OF INVENTION: OLIGONUCLEOTIDES CONTAINING
; TITLE OF INVENTION: PYRAZOLO[3,4-D]PYRIMIDINES FOR HYBRIDIZATION AND
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: IBM Compatible
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/431,385
```

```
; FILING DATE: 1999-NOV-01
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/054,830
; FILING DATE: 1998-APR-03
; ATTORNEY/AGENT INFORMATION:
; NAME: Brennan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20005.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TRIEX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-431-385-14

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1076 GCTGGGATGCCAC 1090
Db      15 GCTGGGAAACCCAC 1

RESULT 1198
US-09-077-619-17
; Sequence 17, Application US/09077619
; Patent No. 6500614
; GENERAL INFORMATION:
; APPLICANT: ARGUELLO, Rafael
; APPLICANT: AVAKTAN, Hovanes
; TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE
; FILE REFERENCE: 028979/0104
; CURRENT APPLICATION NUMBER: US/09/077,619
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/GB96/02959
; PRIOR FILING DATE: 1996-11-29
; PRIOR APPLICATION NUMBER: GB 9524381.2
; PRIOR FILING DATE: 1995-11-29
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-077-619-17

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4549 GAGCAGCTGATGCC 4563
Db      2 GAGCAGCTGAGACC 16

RESULT 1199
US-09-422-978-5874/C
; Sequence 5874, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
```

```

; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5874
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-7475 for SEQ 1940,
US-09-422-978-5874
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Cy      1189 GAGAGAGAGAAATCA 1203
Db      15  GAGAGAGAGAAATCA 1
```

```

RESULT 1200
US-09-422-978-7435
; Sequence 7435, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7435
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-4649 for SEQ 3501,
US-09-422-978-7435
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Cy      3582 GCGTCCCATGTCG 3596
Db      2  GGTTCCTCATGTGC 16
```

```

RESULT 1201
US-09-422-978-7679/c
; Sequence 7679, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
```

```

; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7679
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-10948 for SEQ 3745,
US-09-422-978-7679
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Cy      1526 CTGCTGGAATTGGGA 1540
Db      18  CGGCTGGAAATGGGA 4
```

```

RESULT 1202
US-09-422-978-8412
; Sequence 8412, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8412
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-15310 for SEQ 547, in complemer
US-09-422-978-8412
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Cy      2121 GATGAGCGGAGAGA 2135
Db      3  GATGAGCGGAGAGA 17
```

```

RESULT 1203
US-09-422-978-11781
; Sequence 11781, Application US/09422978
; Patent No. 6537751
```

```
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENST.020CC1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11781
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 4-26 for SEQ 3916, in complement
US-09-422-978-11781
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 3075 TGAGACTGCAAGA 3089
Db 1 TGAGACTGCTAGCA 15
```

```
RESULT 1204
US-09-509-654-1
; Sequence 1, Application US/09509654
; Patent No. 6537805
; GENERAL INFORMATION:
; APPLICANT: VON MELCHNER, HARALD
; APPLICANT: ANDREU, THOMAS
; APPLICANT: EBENSBERGER, CHRISTOPHE
; TITLE OF INVENTION: SELF-DELETING VECTORS FOR CANCER THERAPY
; FILE REFERENCE: 07089.000901
; CURRENT APPLICATION NUMBER: US/09/509,654
; CURRENT FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: PCT/EP99/03607
; PRIOR FILING DATE: 1999-05-25
; PRIOR APPLICATION NUMBER: Germany 198 34 430.9
; PRIOR FILING DATE: 1998-07-30
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of artificial sequence:/note=synthetic
; OTHER INFORMATION: construct
US-09-509-654-1
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 2098 GCCTGACCTGCGCTG 2112
Db 4 GCCTGACCTGCGCTG 18
```

```
RESULT 1205
US-09-686-055A-12
; Sequence 12, Application US/09686055A
```

```
; Patent No. 6566087
; GENERAL INFORMATION:
; APPLICANT: Loughney, Kate
; TITLE OF INVENTION: Phosphodiesterase 8A
; FILE REFERENCE: 27866/35047
; CURRENT APPLICATION NUMBER: US/09/686,055A
; CURRENT FILING DATE: 2000-10-11
; PRIOR APPLICATION NUMBER: 08/951,648
; PRIOR FILING DATE: 1997-10-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-09-686-055A-12
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 3962 TGCGAGGCGCTCTGC 3976
Db 2 TGCGAAGCGCTCTGC 16
```

```
RESULT 1206
US-09-371-772B-4066/C
; Sequence 4066, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4066
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-4066
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 2595 CTGCGGCTGCTCTCA 2609
Db 15 CTGCGGCTGCTCTCA 1
```

```
RESULT 1207
US-10-294-203-10
; Sequence 10, Application US/10294203
; Patent No. 6753168
; GENERAL INFORMATION:
; APPLICANT: Froehner, Brian
; APPLICANT: Wagner, Rick
; APPLICANT: Mateucci, Mark
; APPLICANT: Jones, Robert J.
```

```

; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Pudlo, Jeff
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; TITLE OF INVENTION: Containing Modified Pyrimidines
; FILE REFERENCE: GUS0155
; CURRENT APPLICATION NUMBER: US/10/294,203
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 08/599,738
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: 10/024,818
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-294-203-10
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      1186 AGAGAGAGAGAGAAA 1200
Db      1 AGAGAGAGAGAGAAA 15
```

```

RESULT 1208
US-09-544-3988-510
; Sequence 510, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Becker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High Bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398B
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: ParseSeq for windows Version 4.0
; SEQ ID NO 510
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-544-3988-510
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      2355 AGAGACCCCATCC 2369
Db      3 AGAGACCCCATCTC 17
```

```

RESULT 1209
US-09-994-311-6/C
; Sequence 6, Application US/09994311
; Patent No. 677386
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roch, Matthew B.
```

```

; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Lacimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; Patent No. 6773886
; FILE REFERENCE: AGI 100
; CURRENT APPLICATION NUMBER: US/09/994,311
; CURRENT FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US/09/637,751
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-994-311-6
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      5401 ACAAAGAGAGAGAAA 5415
Db      18 ACAAAGAGAGAGAAA 4
```

```

RESULT 1210
US-10-220-587-31
; Sequence 31, Application US/10220587
; Patent No. 6794187
; GENERAL INFORMATION:
; APPLICANT: Placek, Louis
; APPLICANT: White, H. Steve
; APPLICANT: Fu, Ying-Hui
; APPLICANT: Skradaki, Shana
; TITLE OF INVENTION: MASS 1 GENE, A TARGET FOR ANTICONSULSANT DRUG DEVELOPMENT
; FILE REFERENCE: 1321.2.53
; CURRENT APPLICATION NUMBER: US/10/220,587
; CURRENT FILING DATE: 2002-12-02
; PRIOR APPLICATION NUMBER: US 60/187,209
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: US 60/222,898
; PRIOR FILING DATE: 2000-07-03
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-10-220-587-31
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      3116 AGACCTGACCGAGC 3130
Db      1 AGATCTGACCGAGC 15
```

```

RESULT 1211
PCT-US91-03680-74/C
; Sequence 74, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
```

```

: TITLE OF INVENTION: DUPLEX DNA
: NUMBER OF SEQUENCES: 158
: CORRESPONDENCE ADDRESS:
: ADDRESSER: Morrison & Foerster
: STREET: 545 Middlefield Road, Suite 200
: CITY: Menlo Park
: STATE: California
: COUNTRY: USA
: ZIP: 94025
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: IBM PC compatible
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: PCT/US91/03680
: FILING DATE: 19910524
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Murashige, Kate H.
: REGISTRATION NUMBER: 29,959
: REFERENCE/DOCKET NUMBER: 4610-0011.40
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 415-327-7250
: TELEFAX: 415-327-2951
: TELEX: 706141
: INFORMATION FOR SEQ ID NO: 74:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 base pairs
: TYPE: NUCLEIC ACID
: STRANDEDNESS: single
: TOPOLOGY: linear
: FEATURE:
: NAME/KEY: modified_base
: LOCATION: 5
: OTHER INFORMATION: /mod_base= OTHER
: OTHER INFORMATION:
: NAME/KEY: modified_base
: LOCATION: 18
: OTHER INFORMATION: /mod_base= OTHER
: OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
PCT-US91-03680-74

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.3e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 5397 AATACAAAAAGAAA 5413
Db 17 AAAAAAAAAAKAAAA 1

RESULT 1212
PCT-US91-03680-154/c
: Sequence 154, Application PC/TUS9103680
: GENERAL INFORMATION:
: APPLICANT: Matleucci, Mark D.
: APPLICANT: Krawczyk, Steven
: TITLE OF INVENTION: SQUONCE-SPECIFIC NONPHOTOACTIVATED
: TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
: TITLE OF INVENTION: DUPLEX DNA
: NUMBER OF SEQUENCES: 158
: CORRESPONDENCE ADDRESS:
: ADDRESSER: Morrison & Foerster
: STREET: 545 Middlefield Road, Suite 200
: CITY: Menlo Park
: STATE: California
: COUNTRY: USA
: ZIP: 94025
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: IBM PC compatible
```

```

: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: PCT/US91/03680
: FILING DATE: 19910524
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Murashige, Kate H.
: REGISTRATION NUMBER: 29,959
: REFERENCE/DOCKET NUMBER: 4610-0011.40
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 415-327-7250
: TELEFAX: 415-327-2951
: TELEX: 706141
: INFORMATION FOR SEQ ID NO: 154:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 base pairs
: TYPE: NUCLEIC ACID
: STRANDEDNESS: single
: TOPOLOGY: linear
: FEATURE:
: NAME/KEY: modified_base
: LOCATION: 5
: OTHER INFORMATION: /mod_base= OTHER
: OTHER INFORMATION: /note= "N4,N4-ethanocytosine deoxynucleotide"
PCT-US91-03680-154

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGA 1196
Db 16 GAAAAAGAGAGAGA 1

RESULT 1213
PCT-US95-07744A-42/c
: Sequence 42, Application PC/TUS9507744A
: GENERAL INFORMATION:
: APPLICANT: Trustees of The University of Pennsylvania
: TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
: TITLE OF INVENTION: and Pathogens
: NUMBER OF SEQUENCES: 82
: CORRESPONDENCE ADDRESS:
: ADDRESSER: Woodcock, Washburn, Kurtz, Mackiewicz & Norris
: STREET: One Liberty Place, 46th floor
: CITY: Philadelphia
: STATE: PA
: COUNTRY: USA
: ZIP: 19103
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: IBM PC compatible
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: PCT/US95/07744A
: FILING DATE: 15-JUNE-1995
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/261,822
: FILING DATE: June 17, 1994
: ATTORNEY/AGENT INFORMATION:
: NAME: Beardsell, Lori Y.
: REGISTRATION NUMBER: 34,293
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (215) 568-3100
: TELEFAX: (215) 568-3439
: INFORMATION FOR SEQ ID NO: 42:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 base pairs
: TYPE: nucleic acid
```

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US95-07744A-42

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4239 CCGGCTCCATCTGA 4253
Db 18 CCGGCTCCATCTGA 4

RESULT 1214
US-08-246-583-13
Sequence 13, Application US/08246583
Patent No. 5750394
GENERAL INFORMATION:
APPLICANT: Palese, Peter
APPLICANT: O'Neill, Robert
TITLE OF INVENTION: IDENTIFICATION AND USE OF ANTIVIRAL
TITLE OF INVENTION: COMPOUNDS THAT INHIBIT INTERACTION OF HOST CELL PROTEINS
TITLE OF INVENTION: AND VIRAL PROTEINS REQUIRED FOR VIRAL REPLICATION
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIR & EDMONDS
STREET: 1155 AVENUE OF THE AMERICAS
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/246,583
FILING DATE: 20-MAY-1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-040
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIR
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-246-583-13
Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3446 AGCAGAGAAACCTC 3460
Db 5 AGCAGAGAAACCTC 19

RESULT 1215
US-08-299-074A-40
Sequence 40, Application US/08299074A
Patent No. 5955263

GENERAL INFORMATION:
APPLICANT: Vogelstein, Bert
APPLICANT: Kinzler, Kenneth
APPLICANT: Sherman, Michael
TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
TITLE OF INVENTION: BT P53
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Wilcoff
STREET: 1001 G Street, NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/299,074A
FILING DATE: 01-SEP-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/860,758
FILING DATE: 31-MAR-1992
APPLICATION NUMBER: 07/715,182
FILING DATE: 14-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32141
REFERENCE/DOCKET NUMBER: 01107.47071
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX:
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-299-074A-40
Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2098 GCCTGACCTGCTG 2112
Db 4 GCCTGACCTGCTG 18

RESULT 1216
US-08-881-784-18/c
Sequence 18, Application US/08881784
Patent No. 6083731
GENERAL INFORMATION:
APPLICANT: Croteau, Rodney B.
APPLICANT: Lupien, Shari L.
TITLE OF INVENTION: RECOMBINANT MATERIALS AND METHODS FOR
TITLE OF INVENTION: THE PRODUCTION OF LIMONENE HYDROXYLASES
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: Christensen, O'Connor, Johnson and Kindness
STREET: 1420 Fifth Avenue, Suite 2800
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101
COMPUTER READABLE FORM:

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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/881,784
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Shelton, Dennis K.
; REGISTRATION NUMBER: 26,997
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 224-0718
; TELEFAX: (206) 224-0779
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: /product= "Primer 3.B (table 1)"
US-08-881-784-18
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```

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.7e+02;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      5392 TAAAAAATACAAAAAGA 5410
       :|||||:|||||:
Db      19 DAAAAAAAAAAAAAAAAA 1
```

```

RESULT 1217
US-09-292-768-18/c
; Sequence 18, Application US/09292768
; Patent No. 6194185
; GENERAL INFORMATION:
; APPLICANT: Croteau, Rodney B
; APPLICANT: Lupien, Shari L
; TITLE OF INVENTION: RECOMBINANT MATERIALS AND METHODS FOR THE PRODUCTION OF
; TITLE OF INVENTION: LIMONENE HYDROXYLASES
; FILE REFERENCE: wsu13463
; CURRENT APPLICATION NUMBER: US/09/292,768
; CURRENT FILING DATE: 1999-04-14
; EARLIER APPLICATION NUMBER: 08/881,784
; EARLIER FILING DATE: 1997-06-24
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer 3.B
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: Oligonucleotide primer that primes the polyA tail
; OTHER INFORMATION: on cDNA molecules
US-09-292-768-18
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.7e+02;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
QY      5392 TAAAAAATACAAAAAGA 5410
       :|||||:|||||:

```

```

Db      19 DAAAAAAAAAAAAAAAAA 1
RESULT 1218
US-09-522-800-13/c
; Sequence 13, Application US/09522800
; Patent No. 621164
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; APPLICANT: Lan, Yuo
; APPLICANT: Giranda, Vincent L.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES OF THE HUMAN
; TITLE OF INVENTION: CHK1 GENE AND USES THEREOF
; FILE REFERENCE: 6675.US.O1
; CURRENT APPLICATION NUMBER: US/09/522,800
; CURRENT FILING DATE: 2000-03-10
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: CHK1-as12
US-09-522-800-13
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```

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      4763 AACCTGGGAGGAGG 4777
       :|||||:|||||:
Db      18 AACCTGGGAGGAGG 4
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RESULT 1219
US-09-399-773-40
; Sequence 40, Application US/09399773
; Patent No. 624515
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Sherman, Michael
; TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
; TITLE OF INVENTION: BY P53
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Banner & Wilcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/399,773
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/299,074
; FILING DATE:
; APPLICATION NUMBER: 07/715,182
; FILING DATE: 14-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 01107.47071
; TELECOMMUNICATION INFORMATION:

```


TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-399-773-40

Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2098 GCCTGACCTTGCTG 2112
DB 4 GCCTGACCTTGCTG 18

RESULT 1220
US-09-564-805-175
Sequence 175, Application US/09564805
Patent No. 6333403
GENERAL INFORMATION:
APPLICANT: Tavtigian, Sean V.
APPLICANT: Teng, David H.F.
APPLICANT: Simard, Jacques
APPLICANT: Rommens, Johanna M.
APPLICANT: Myriad Genetics, Inc.
TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
FILE REFERENCE: 2318-258
CURRENT APPLICATION NUMBER: US/09/564,805
CURRENT FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: US 60/107,468
PRIOR FILING DATE: 1998-11-06
PRIOR APPLICATION NUMBER: 09/434,382
PRIOR FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 240
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 175
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-09-564-805-175

Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4630 GAGAGGCTGCTGCT 4644
DB 3 GAGATGCTGCTGCT 17

RESULT 1221
US-09-636-791A-24
Sequence 24, Application US/09636791A
Patent No. 6503703
GENERAL INFORMATION:
APPLICANT: Palese et al
TITLE OF INVENTION: IDENTIFICATION AND USE OF ANTI-VIRAL COMPOUNDS THAT
INHIBIT INTERACTION OF HOST CELL PROTEINS AND VIRAL
FILE REFERENCE: 6923-077-999
CURRENT APPLICATION NUMBER: US/09/636,791A
CURRENT FILING DATE: 2000-08-11
PRIOR APPLICATION NUMBER: 60/148,263
PRIOR FILING DATE: 1999-08-11
NUMBER OF SEQ ID NOS: 42
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 24

LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
US-09-636-791A-24

Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3446 AGCAGAGAAACCTC 3460
DB 5 AGCAGAGAAACCTC 19

RESULT 1222
US-09-422-978-11331
Sequence 11331, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSER.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11331
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-4283 for SEQ 3466, in complement
US-09-422-978-11331

Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3703 TCTCCTGCTCTGCA 3717
DB 4 TCTCCTGCTCTGCA 18

RESULT 1223
US-09-548-797B-51/C
Sequence 51, Application US/09548797B
Patent No. 6683165
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND
FILE REFERENCE: 2976-4039
CURRENT APPLICATION NUMBER: US/09/548,797B
CURRENT FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: 60/129,391
PRIOR FILING DATE: 1999-04-13
NUMBER OF SEQ ID NOS: 170
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 51
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; US-09-548-797B-51

Query Match
Best Local Similarity 93.3%; Pred. No. 7.7e+02; Length 19;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 169 ATCTGAGAACACAG 183
Db 18 ACCTGAGAACACAG 4

RESULT 1224
US-09-371-307-85/c
; Sequence 85, Application US/09371307A
; Patent No. 6723897
; GENERAL INFORMATION:
; APPLICANT: Brown, Sherri M.
; APPLICANT: Heck, Gregory R.
; APPLICANT: Piller, Kenneth J.
; APPLICANT: Kishore, Ganesh M.
; APPLICANT: Ellich, Tedd D.
; APPLICANT: Logusch, Eugene W.
; APPLICANT: Rao, Sudachinula
; APPLICANT: Ream, Joel E.
; APPLICANT: Logusch, Sherry J.
; TITLE OF INVENTION: Methods for controlling gibberellin levels
; FILE REFERENCE: MOBT.216
; CURRENT APPLICATION NUMBER: US/09/371.307A
; CURRENT FILING DATE: 1999-08-10
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 85
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer
; US-09-371-307-85

Query Match
Best Local Similarity 78.9%; Pred. No. 7.7e+02; Length 19;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAGA 5410
Db 19 BAAAAAATACAAAAGA 1

RESULT 1225
US-09-281-646B-5/c
; Sequence 5, Application US/09281646B
; Patent No. 6759238
; GENERAL INFORMATION:
; APPLICANT: Schuetz, John
; APPLICANT: Fridland, Arnold
; TITLE OF INVENTION: MULTIDRUG RESISTANCE ASSOCIATED PROTEINS AND USES THEREOF
; FILE REFERENCE: SI-0020
; CURRENT APPLICATION NUMBER: US/09/281.646B
; CURRENT FILING DATE: 1999-03-31
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer.
; US-09-281-646B-5

Query Match
Best Local Similarity 93.3%; Pred. No. 7.7e+02; Score 13.4; DB 1; Length 19;
```

```
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5232 CAGAGATCTACAA 5246
Db 18 CAGAGATCTTCA 4

RESULT 1226
US-09-696-791-198/c
; Sequence 198, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696.791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 198
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
; US-09-696-791-198

Query Match
Best Local Similarity 93.3%; Pred. No. 7.7e+02; Score 13.4; DB 1; Length 19;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2559 TGATGAGCGGAGAG 2573
Db 19 TGATGAGCGGAGAG 5

RESULT 1227
US-09-696-791-415
; Sequence 415, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696.791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 415
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk4 ribozyme binding site
; US-09-696-791-415

Query Match
Best Local Similarity 93.3%; Pred. No. 7.7e+02; Score 13.4; DB 1; Length 19;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4024 CACTTGCGCTCTC 4038
Db 5 CACTTGCGCTCTC 19

RESULT 1228
US-09-696-791-1399
; Sequence 1399, Application US/09696791
; Patent No. 6770633
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; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1399
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: cdk-we-hu ribozyme binding site
; US-09-696-791-1399

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3531 GAGTAATGACATC 3545
DB      3 GAGTAATGACATC 17

RESULT 1229
US-09-696-791-2367
; Sequence 2367, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2367
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
; US-09-696-791-2367

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1655 TGAGTCGCTGAGC 1669
DB      5 TCAGTCGCTGAGC 19

RESULT 1230
US-09-696-791-2368
; Sequence 2368, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2368
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```

; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
; US-09-696-791-2368

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1655 TGAGTCGCTGAGC 1669
DB      3 TCAGTCGCTGAGC 17

RESULT 1231
US-09-696-791-2411/c
; Sequence 2411, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2411
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
; US-09-696-791-2411

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1641 CCAGTCCAGGTGCT 1655
DB      17 CCAGTCCAGGTGCT 3

RESULT 1232
US-09-696-791-2556/c
; Sequence 2556, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2556
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
; US-09-696-791-2556

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1849 TTGCTGGGGAAGT 1863
Db 19 TTGCTGGGGAAGT 5
RESULT 1233
US-09-696-791-2557/C
; Sequence 2357, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2557
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
US-09-696-791-2557
Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1849 TTGCTGGGGAAGT 1863
Db 18 TTGCTGGGGAAGT 4
RESULT 1234
US-09-696-791-2585/C
; Sequence 2585, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tiltz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2585
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin G1 ribozyme binding site
US-09-696-791-2585
Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3210 ACAGCAGTCGAGCT 3224
Db 15 ACAGCAGTCGAGCT 1
RESULT 1235
5169941-27
; Patent No. 5169941
; APPLICANT: MACH, BERNARD F.; LONG, ERIC O.; WAKE, CLAIRE T.
; TITLE OF INVENTION: DNA SEQUENCES CODING FOR THE DR B CHAIN
; LOCUS OF THE HUMAN LYMPHOCYTE ANTIGEN COMPLEX AND POLYPEPTIDES

; DIAGNOSTIC TYPING PROCESSES AND PRODUCTS RELATED THERETO
; NUMBER OF SEQUENCES: 31
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/518,393
; FILING DATE: 29-JUL-1983
; SEQ ID NO:27;
; LENGTH: 19
5169941-27
Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4043 GGGGCCATGTGACA 4057
Db 1 GGGGCCAGGTGACA 15
RESULT 1236
US-09-418-641-32
; Sequence 32, Application US/09418641A
; Patent No. 6124133
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
; FILE REFERENCE: R1S-0105
; CURRENT APPLICATION NUMBER: US/09/418,641A
; CURRENT FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-641-32
Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 GCGCCAGGCGCGGA 15
Db 6 GCGCCAGGCGCGGA 20
RESULT 1237
US-09-657-472-2069
; Sequence 2069, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolik, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2069
; LENGTH: 21
; TYPE: DNA

ORGANISM: Homo sapiens
US-09-657-472-2069

Query Match 0.2%; Score 13.4; DB 1; Length 21;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

OY 1104 AGCACCAGAGCAGG 1120
DB 3 AGCATCCGSAAGCAGG 19

RESULT 1238

US-07-822-043-16/c
Sequence 16 Application US/07822043

Patent No. 5449753

GENERAL INFORMATION:

APPLICANT: STRACKE, MARY

APPLICANT: LIOTTA, LANCE

APPLICANT: SCHIFFMANN, ELLIOTT

APPLICANT: KRUTZSCH, HENRY

TITLE OF INVENTION: MOTILITY STIMULATING PROTEIN USEFUL IN

TITLE OF INVENTION: CANCER DIAGNOSIS AND THERAPY

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESSEE: CUSHMAN DABRY AND CUSHMAN

STREET: 1615 L STREET, N.W.

CITY: WASHINGTON

STATE: D.C.

COUNTRY: U.S.A.

ZIP: 20036

COMPUTER READABLE FORM:

MEDIUM TYPE: Tape

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/822,043

FILING DATE: 19920117

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: SCOTT, WATSON T

REGISTRATION NUMBER: 26581

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202)-861-3000

TELEFAX: (202) 822-0944

TELEX: 6714627CUSH

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: NUCLEIC ACID

STRANDEDNESS: single

TOPOLOGY: linear

US-07-822-043-16

Query Match 0.2%; Score 13.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 4249 CCTGAGAGTCAACC 4263
DB 15 CCTGARGAGTCAACC 1

RESULT 1239

US-07-822-043-17

Sequence 17 Application US/07822043

Patent No. 5449753

GENERAL INFORMATION:

APPLICANT: STRACKE, MARY

APPLICANT: LIOTTA, LANCE

APPLICANT: SCHIFFMANN, ELLIOTT

APPLICANT: KRUTZSCH, HENRY

TITLE OF INVENTION: MOTILITY STIMULATING PROTEIN USEFUL IN
TITLE OF INVENTION: CANCER DIAGNOSIS AND THERAPY

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESSEE: CUSHMAN DABRY AND CUSHMAN

STREET: 1615 L STREET, N.W.

CITY: WASHINGTON

STATE: D.C.

COUNTRY: U.S.A.

ZIP: 20036

COMPUTER READABLE FORM:

MEDIUM TYPE: Tape

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/822,043

FILING DATE: 19920117

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: SCOTT, WATSON T

REGISTRATION NUMBER: 26581

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202)-861-3000

TELEFAX: (202) 822-0944

TELEX: 6714627CUSH

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: NUCLEIC ACID

STRANDEDNESS: single

TOPOLOGY: linear

US-07-822-043-17

Query Match 0.2%; Score 13.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 4249 CCTGAGAGTCAACC 4263
DB 1 CCTGARGAGTCAACC 15

RESULT 1240

US-08-346-455B-16/c

Sequence 16 Application US/08346455B

Patent No. 5731167

GENERAL INFORMATION:

APPLICANT: UNITED STATES OF AMERICA, DEPT.

APPLICANT: OF HEALTH AND HUMAN SERVICES

TITLE OF INVENTION: MOTILITY STIMULATING

TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORGAN & FINNEGAN

STREET: 345 PARK AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: U.S.A.

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy Disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/346,455B

FILING DATE: 28-NOV-1994

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/06613

FILING DATE: 24-MAY-1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/249,182
FILING DATE: 25-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/822,043
FILING DATE: 17-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
REGISTRATION NUMBER: 36,434
REFERENCE/DOCKET NUMBER: 2026-4149PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-346-455B-16

Query Match 0.2%; Score 13.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 4249 CCTGAGAGTACC 4263
DB 15 CCTGARGAGTACC 1

RESULT 1241
US-08-346-455B-17
Sequence 17, Application US/08346455B
Patent No. 5731167
GENERAL INFORMATION:
APPLICANT: UNITED STATES OF AMERICA; DEPT.
TITLE OF INVENTION: MOTILITY STIMULATING
TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND
TITLE OF INVENTION: THERAPY
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSER: MORGAN & PINNEGAN
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,455B
FILING DATE: 28-NOV-1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/06613
FILING DATE: 24-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/249,182
FILING DATE: 25-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/822,043
FILING DATE: 17-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
REGISTRATION NUMBER: 36,434
REFERENCE/DOCKET NUMBER: 2026-4149PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849

INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-346-455B-17

Query Match 0.2%; Score 13.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 4249 CCTGAGAGTACC 4263
DB 1 CCTGARGAGTACC 15

RESULT 1242
US-08-977-221-16/c
Sequence 16, Application US/08977221
Patent No. 6084069

GENERAL INFORMATION:
APPLICANT: UNITED STATES OF AMERICA; DEPT.
TITLE OF INVENTION: MOTILITY STIMULATING
TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND
TITLE OF INVENTION: THERAPY
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSER: MORGAN & PINNEGAN
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/977,221
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,455
FILING DATE: 28-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/249,182
FILING DATE: 25-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/822,043
FILING DATE: 17-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
REGISTRATION NUMBER: 36,434
REFERENCE/DOCKET NUMBER: 2026-4149US3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-977-221-16

Query Match 0.2%; Score 13.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 4249 CCTGAGAGTACC 4263

Db 15 CCTGARGARGTNACC 1

RESULT 1243

US-08-977-221-17
Sequence 17, Application US/08977221
Patent No. 6084069

GENERAL INFORMATION:

APPLICANT: UNITED STATES OF AMERICA, DEPT.

APPLICANT: OF HEALTH AND HUMAN SERVICES

TITLE OF INVENTION: MOTILITY STIMULATING

TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORGAN & PINNEGAN

STREET: 345 PARK AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: U.S.A.

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/977,221

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/346,455

FILING DATE: 28-NOV-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/249,182

FILING DATE: 25-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/822,043

FILING DATE: 17-JAN-1992

ATTORNEY/AGENT INFORMATION:

NAME: DOROTHY R. AUTH

REGISTRATION NUMBER: 36,434

REFERENCE/DOCKET NUMBER: 2026-4149US3

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 751-6849

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 15

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-977-221-17

Query Match 0.2%; Score 13.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Cy 4249 CCTGAGAGTACC 4263

Db 1 CCTGARGARGTNACC 15

RESULT 1244

US-09-483-831B-16/c

Sequence 16, Application US/09483831B

Patent No. 6417338

GENERAL INFORMATION:

APPLICANT: STRACKE, MARY

APPLICANT: LIOTTA, LANCE

APPLICANT: SCHIFFMANN, ELLIOTT

APPLICANT: KRUTZCH, HENRY

APPLICANT: MURATA, JUN

TITLE OF INVENTION: AUTOTAXIN: MOTILITY STIMULATING PROTEIN USEFUL IN

TITLE OF INVENTION: CANCER DIAGNOSIS AND THERAPY

FILE REFERENCE: 2026-4149US4

CURRENT APPLICATION NUMBER: US/09/483,831B

CURRENT FILING DATE: 2000-01-17

PRIOR APPLICATION NUMBER: 07/822,043

PRIOR FILING DATE: 1992-01-17

PRIOR APPLICATION NUMBER: 08/249,182

PRIOR FILING DATE: 1994-05-25

PRIOR APPLICATION NUMBER: 08/346,455

PRIOR FILING DATE: 1994-11-28

PRIOR APPLICATION NUMBER: 08/977,221

PRIOR FILING DATE: 1997-11-24

NUMBER OF SEQ ID NOS: 70

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 16

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: Primers

NAME/KEY: variation

LOCATION: (4)

OTHER INFORMATION: Base n represents a or g or c or t/u, unknown, or

OTHER INFORMATION: other.

NAME/KEY: variation

LOCATION: (7)

OTHER INFORMATION: Base y represents t/u or c.

NAME/KEY: variation

LOCATION: (10)

OTHER INFORMATION: Base y represents t/u or c.

US-09-483-831B-16

Query Match 0.2%; Score 13.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 6.8e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Cy 4249 CCTGAGAGTACC 4263

Db 15 CCTGARGARGTNACC 1

RESULT 1245

US-09-483-831B-17

Sequence 17, Application US/09483831B

Patent No. 6417338

GENERAL INFORMATION:

APPLICANT: STRACKE, MARY

APPLICANT: LIOTTA, LANCE

APPLICANT: SCHIFFMANN, ELLIOTT

APPLICANT: KRUTZCH, HENRY

APPLICANT: MURATA, JUN

TITLE OF INVENTION: AUTOTAXIN: MOTILITY STIMULATING PROTEIN USEFUL IN

TITLE OF INVENTION: CANCER DIAGNOSIS AND THERAPY

FILE REFERENCE: 2026-4149US4

CURRENT APPLICATION NUMBER: US/09/483,831B

CURRENT FILING DATE: 2000-01-17

PRIOR APPLICATION NUMBER: 07/822,043

PRIOR FILING DATE: 1992-01-17

PRIOR APPLICATION NUMBER: 08/249,182

PRIOR FILING DATE: 1994-05-25

PRIOR APPLICATION NUMBER: 08/346,455

PRIOR FILING DATE: 1994-11-28

PRIOR APPLICATION NUMBER: 08/977,221

PRIOR FILING DATE: 1997-11-24

NUMBER OF SEQ ID NOS: 70

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 17

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Primers
NAME/KEY: variation
LOCATION: (12)
OTHER INFORMATION: Base n represents a or g or c or t/u, unknown, or
OTHER INFORMATION: other.
NAME/KEY: variation
LOCATION: (6)
OTHER INFORMATION: Base r represents a or g.
NAME/KEY: variation
LOCATION: (9)
OTHER INFORMATION: Base r represents a or g.
US-09-483-831B-17

Query Match 0.2%; Score 13.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 4249 CCTGAGAGTACC 4263
|||:|||||
Db 1 CCTGARGAGTNACC 15

RESULT 1246
PCT-US95-06613-16/c
Sequence 16, Application PC/TUS9506613
GENERAL INFORMATION:
APPLICANT: STRACKE, MARY; LIOTTA, LANCE;
APPLICANT: SCHIFFMANN, ELLIOTT; KRUTZSCH,
APPLICANT: HENRY; MURATA, JUN
TITLE OF INVENTION: MOTILITY STIMULATING
TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND
TITLE OF INVENTION: THERAPY
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & PINNEGAN
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/06613
FILING DATE: 24-MAY-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,455
FILING DATE: 28-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/249,182
FILING DATE: 25-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/822,043
FILING DATE: 17-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
REGISTRATION NUMBER: 36,434
REFERENCE/DOCKET NUMBER: 2026-4149US2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

PCT-US95-06613-16
Query Match 0.2%; Score 13.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 4249 CCTGAGAGTACC 4263
|||:|||||
Db 15 CCTGARGAGTNACC 1

RESULT 1247
PCT-US95-06613-17
Sequence 17, Application PC/TUS9506613
GENERAL INFORMATION:
APPLICANT: STRACKE, MARY; LIOTTA, LANCE;
APPLICANT: SCHIFFMANN, ELLIOTT; KRUTZSCH,
APPLICANT: HENRY; MURATA, JUN
TITLE OF INVENTION: MOTILITY STIMULATING
TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND
TITLE OF INVENTION: THERAPY
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & PINNEGAN
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/06613
FILING DATE: 24-MAY-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,455
FILING DATE: 28-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/249,182
FILING DATE: 25-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/822,043
FILING DATE: 17-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
REGISTRATION NUMBER: 36,434
REFERENCE/DOCKET NUMBER: 2026-4149US2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

PCT-US95-06613-17
Query Match 0.2%; Score 13.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 4249 CCTGAGAGTACC 4263
|||:|||||
Db 1 CCTGARGAGTNACC 15

RESULT 1248
PCT-US91-03680-98/c

; Sequence 98, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matencio, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESS: Morrison & Peeler
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELE: 706141
; INFORMATION FOR SEQ ID NO: 98:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 3
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 14
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "T-T, linking group o-xyloso (nucleotides
; OTHER INFORMATION: that have xylose sugar linked via the o-xyloso
; OTHER INFORMATION: ring)"
; PCT-US91-03680-98
Query Match 0.2%; Score 13.2; DB 1; Length 16;
Best Local Similarity 75.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

OY 5409 GAAAAATGAATAA 5424
|||:|||||:
16 GAKAAKAAKAAKAA 1

RESULT 1249
US-08-388-381-29/c

; Sequence 29, Application US/08388381
; Patent No. 5552283
; GENERAL INFORMATION:
; APPLICANT: Diamantis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESS: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,381
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN-P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELE:
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; PRAGMENT TYPE: Internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 5 of human p53 gene
; US-08-388-381-29
Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2186 TTGCCGAGGCTCTCCAG 2203
|||||:|||||:
18 TTGCCGAGGCTCTCCAG 1

RESULT 1250
US-08-102-567-27/c
; Sequence 27, Application US/08102567
; Patent No. 5578461
; GENERAL INFORMATION:
; APPLICANT: Sherwin, Stephen
; APPLICANT: Skoultschi, Arthur
; APPLICANT: Klapholz, Sue
; TITLE OF INVENTION: GENE MANIPULATION AND EXPRESSION USING
; TITLE OF INVENTION: GENOMIC ELEMENTS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:

ADDRESSER: CELL GENESYS, INC.
STREET: 322 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: U.S.A.
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/102,567
FILING DATE: 05-AUG-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mandel, Saralynn
REGISTRATION NUMBER: 31,853
REFERENCE/DOCKET NUMBER: CELL 6.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 358-9600
TELEFAX: (415) 358-0803
TELEX:
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-102-567-27

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2176 CTACATACCTTGCCGAG 2193
DB 18 CTAGCCACCTTGCCGAG 1

RESULT 1251
US-08-319-836B-27
Sequence 27, Application US/08319836B
Patent No. 5641675
GENERAL INFORMATION:
APPLICANT: Singer, Robert H.
TITLE OF INVENTION: Cis-acting Sequences for Intracellular
NUMBER OF INVENTION: Localization of RNA
CORRESPONDENCE ADDRESSES:
ADDRESSER: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,836B
FILING DATE: 07-OCT-1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 04020/043001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070

TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "ANTISENSE OLIGONUCLEOTIDE"
US-08-319-836B-27

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3543 ATCTGATCTGACGCGCA 3560
DB 1 ATCTGATCTGACGCGCA 18

RESULT 1252
US-08-435-925C-5
Sequence 5, Application US/08435925C
Patent No. 5646025
GENERAL INFORMATION:
APPLICANT: Moyer, Donna
TITLE OF INVENTION: SCYTALIDUM CATALASE GENE
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESSES:
ADDRESSER: No. 56460250 No. 5646025disk of No. 5646025th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10174-6401

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,925C
FILING DATE: 05-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4429,000-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-925C-5

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1871 CCGAGGATCCTTCCTGA 1888
DB 1 CCGGCGGCTTCCTGA 18

RESULT 1253
US-08-373-124A-2249/C
Sequence 2249, Application US/08373124A
Patent No. 5646042

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2249:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2249
Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3592 GTTGCTCAGGCTATCTC 3609
Db 18 GGTGCTCAGGCTGTTCTC 1
RESULT 1254
US-08-488-212A-1
Sequence 1, Application US/08488212A
Patent No. 5665355
GENERAL INFORMATION:
APPLICANT: Priml, Daniele
APPLICANT: Williams, Ketch C.
TITLE OF INVENTION: Diagnosis and Treatment of
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Thomas E. Popovich, Thomas
STREET: 80 South 8th Street

CITY: Minneapolis
STATE: Minnesota
COUNTRY: USA
ZIP: 55402-2111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible Compaq Prolinea
COMPUTER: 4/66
OPERATING SYSTEM: MS-DOS Version 5
SOFTWARE: Microsoft Word for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,212A
FILING DATE: 07-Jun-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,485
FILING DATE: No. 5665355ember 9, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Thomas E. Popovich
REGISTRATION NUMBER: 30099
REFERENCE/DOCKET NUMBER: 3678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 334-8991
TELEFAX: (612) 334-8994
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor
MOLECULE TYPE: Vb region)
HYPOTHETICAL: No
ORIGINAL SOURCE: Synthesized using
ORIGINAL SOURCE: oligonucleotide synthesis machine
PUBLICATION INFORMATION:
AUTHORS: Imberti, Luisa; Sottini,
AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Priml,
AUTHORS: Daniele
TITLE: Selective Depletion in HIV Infection
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
JOURNAL: Science
VOLUME: 254
ISSUE: 5033
PAGES: 860-862
PUBLICATION DATE: No. 5665355ember 8, 1991
US-08-488-212A-1
Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4012 GTGCACCTCCCTCACTT 4029
Db 1 GTGCACCTCCCTCCATT 18
RESULT 1255
US-08-616-398-15
Sequence 15, Application US/08616398
Patent No. 5691143
GENERAL INFORMATION:
APPLICANT: Busco, Silvia A.
APPLICANT: Roszkowski, Christine A.
APPLICANT: Williams, Ketch C.
APPLICANT: Stringfellow, Leslie A.
TITLE OF INVENTION: AMPLIFICATION AND DETECTION OF
TITLE OF INVENTION: MYCOBACTERIUM AVIUM COMPLEX SPECIES
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: R. J. Rodrick, Becton Dickinson and Company

STREET: 1 Becton Drive
CITY: Franklin Lakes
STATE: NJ
COUNTRY: US
ZIP: 07417
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/616,398
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Puglit, Donna R.
REGISTRATION NUMBER: 32,135
REFERENCE/DOCKET NUMBER: P-3532
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-616-398-15

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1033 CAGAGTCACCCACGCC 1050
Db 1 CCGCGTCACCCACGCC 18

RESULT 1256
US-08-621-914A-16/C
Sequence 16, Application US/08621914A
Patent No. 5707807
GENERAL INFORMATION:
APPLICANT: KATO, KIKUYA
TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
TITLE OF INVENTION: ANALYSIS
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 AVENUE OF THE AMERICAS
CITY: NEW YORK
STATE: NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/621,914A
FILING DATE: 26-MAR-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LAWRENCE III, STANTON T.
REGISTRATION NUMBER: 25,736
REFERENCE/DOCKET NUMBER: 7005-107-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown

TOPOLOGY: unknown
MOLECULE TYPE: other nucleic acid
US-08-621-914A-16

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATACAAAAAGAAAAA 5415
Db 18 AAAAAAGAAAAAGAAAAA 1

RESULT 1257
US-08-487-046-5/C
Sequence 5, Application US/08487046
Patent No. 5753489
GENERAL INFORMATION:
APPLICANT: Kistner, Otfried
APPLICANT: Barlett, No. 57534891
APPLICANT: Mundt, Wolfgang
APPLICANT: Dornier, Friedrich
TITLE OF INVENTION: METHOD FOR PRODUCING VIRUSES AND VACCINES IN SERUM-FREE CULTURE
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,046
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,761
FILING DATE: 10-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/197/IMMU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136

INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-487-046-5

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGA 5410
Db 18 AAAAAAGAAAAAGAAAAA 1

RESULT 1258
US-08-487-046-6
Sequence 6, Application US/08487046
Patent No. 5753489

```

: GENERAL INFORMATION:
: APPLICANT: Kistner, Offried
: APPLICANT: Barrett, No. 57534891
: APPLICANT: Mundt, Wolfgang
: APPLICANT: Dornier, Friedrich
: TITLE OF INVENTION: METHOD FOR PRODUCING VIRUSES AND VACCINES IN SERUM-FREE CULTURE
: NUMBER OF SEQUENCES: 7
: CORRESPONDENCE ADDRESS:
: ADDRESSES: Foley & Lardner
: STREET: 3000 K Street, N.W., Suite 500
: CITY: Washington
: STATE: D.C.
: COUNTRY: USA
: ZIP: 20007-5109
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent In Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/487,046
: FILING DATE: 07-JUN-1995
: CLASSIFICATION: 424
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/338,761
: FILING DATE: 10-NOV-1994
: ATTORNEY/AGENT INFORMATION:
: NAME: Bent, Stephen A.
: REGISTRATION NUMBER: 29,768
: REFERENCE/DOCKET NUMBER: 30472/197/IMMU
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (202)672-5300
: TELEFAX: (202)672-5399
: TELEX: 904136
: INFORMATION FOR SEQ ID NO: 6:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: US-08-487-046-6

Query Match 0.2% Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 5393 AAAAAATTCAAAAAGA 5410
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DB 1 AAAAAAGAAAAAAGA 18

RESULT 1259
US-08-483-522-5/C
: Sequence 5, Application US/08483522
: Patent No. 5756341
: GENERAL INFORMATION:
: APPLICANT: Kistner, Offried
: APPLICANT: Barrett, No. 57563411
: APPLICANT: Mundt, Wolfgang
: APPLICANT: Dornier, Friedrich
: TITLE OF INVENTION: METHOD FOR INCREASING THE INFECTIVITY OF
: TITLE OF INVENTION: VIRUSES
: NUMBER OF SEQUENCES: 7
: CORRESPONDENCE ADDRESS:
: ADDRESSES: Foley & Lardner
: STREET: 3000 K Street, N.W., Suite 500
: CITY: Washington
: STATE: D.C.
: COUNTRY: USA
: ZIP: 20007-5109
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk

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/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/483,522
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/338,761
/ FILING DATE: 10-NOV-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Bent, Stephen A.
/ REGISTRATION NUMBER: 29,768
/ REFERENCE/DOCKET NUMBER: 30472/199/IMMU
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202)672-5300
/ TELEFAX: (202)672-5399
/ TELETYPE: 904136
/ INFORMATION FOR SEQ ID NO: 5:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/
US-08-483-522-5

Query Match 0.2% Score 13.2, DB 1, Length 18;
Best Local Similarity 83.3% Pred. No. 7, 9e+02;
Matches 15, Conservative 0, Mismatches 3, Indels 0, Gaps 0.

QY 5393 AAAAAAAAAACAAAAAGA 5410
DB 18 AAAAAAAAAAAAAAAAAA 1

RESULT 1260
/ Sequence 6, Application US/08483522
/ Patent No. 5756341
/ GENERAL INFORMATION:
/ APPLICANT: Kistner, Offield
/ APPLICANT: Barrett, No. 57563411
/ APPLICANT: Mundt, Wolfgang
/ TITLE OF INVENTION: Dornier, Friedrich
/ TITLE OF INVENTION: METHOD FOR INCREASING THE INFECTIVITY OF
/ NUMBER OF SEQUENCES: 7
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: Foley & Lardner
/ STREET: 3000 K Street, N.W., Suite 500
/ CITY: Washington
/ STATE: D.C.
/ COUNTRY: USA
/ ZIP: 20007-5109
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/483,522
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/338,761
/ FILING DATE: 10-NOV-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Bent, Stephen A.
/ REGISTRATION NUMBER: 29,768
/ REFERENCE/DOCKET NUMBER: 30472/199/IMMU
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202)672-5300
/ TELEFAX: (202)672-5399

```

```

;
; TELEFAX: (202) 672-5399
;
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-483-522-6

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGA 5410
Db 1 AAAAAAAAAAAAAAAAAA 18

RESULT 1261
US-08-808-303-13
; Sequence 13, Application US/08808303
; Patent No. 576687
; GENERAL INFORMATION:
; APPLICANT: Naspal, Sunil
; APPLICANT: Disipio, Daniel
; APPLICANT: Chandraratna, Roshantha
; TITLE OF INVENTION: RETINOID INDUCED GENE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/808,303
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: ALRGN.062A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; TELEX:
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-808-303-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3284 GCCCAGCCTGAAGAGC 3301
Db 1 GCCAGCCTGAAGAGC 18

;
; TELEFAX: (202) 672-5399
;
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-483-522-6

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGA 5410
Db 1 AAAAAAAAAAAAAAAAAA 18

RESULT 1261
US-08-808-303-13
; Sequence 13, Application US/08808303
; Patent No. 576687
; GENERAL INFORMATION:
; APPLICANT: Naspal, Sunil
; APPLICANT: Disipio, Daniel
; APPLICANT: Chandraratna, Roshantha
; TITLE OF INVENTION: RETINOID INDUCED GENE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/808,303
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: ALRGN.062A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; TELEX:
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-808-303-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3284 GCCCAGCCTGAAGAGC 3301
Db 1 GCCAGCCTGAAGAGC 18

;
; TELEFAX: (202) 672-5399
;
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-483-522-6

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGA 5410
Db 1 AAAAAAAAAAAAAAAAAA 18

RESULT 1262
US-08-471-724-13/c
; Sequence 13, Application US/08471724
; Patent No. 5800980
; GENERAL INFORMATION:
; APPLICANT: Heve PERRON
; APPLICANT: Francois MALLEET
; APPLICANT: Bernard MANDRAND
; APPLICANT: Frederic BEDIN
; APPLICANT: Frederic BESEME
; TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
; TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL
; TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,724
; FILING DATE: June 6, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 36055C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleotide
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-471-724-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2099 CCTGCACTTGCCTGATGC 2116
Db 18 CCTGCACTTGCCTGATGC 1

RESULT 1263
US-08-471-724-15/c
; Sequence 15, Application US/08471724
; Patent No. 5800980
; GENERAL INFORMATION:
; APPLICANT: Heve PERRON
; APPLICANT: Francois MALLEET
; APPLICANT: Bernard MANDRAND
; APPLICANT: Frederic BEDIN
; APPLICANT: Frederic BESEME
; TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
; TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL
; TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
```

CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,724
FILING DATE: June 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-471-724-15

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCGTGCAGTCCGATGC 2116
DB 18 CGTGCAGTCCGATGC 1

RESULT 1264
US-08-471-724-28/C
Sequence 28, Application US/08471724
Patent No. 5800980
GENERAL INFORMATION:
APPLICANT: Herve PERRON
APPLICANT: Francois MALLET
APPLICANT: Bernard MANDRAND
APPLICANT: Frederic BESEME
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Olliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,724
FILING DATE: June 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787

INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-471-724-28

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCGTGCAGTCCGATGC 2116
DB 18 CGTGCAGTCCGATGC 1

RESULT 1265
US-08-758-306-965
Sequence 965, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggan, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Fastseq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 965:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-965

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 7.9e+02;
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

OY 4466 CTAAGTATCCCTCAG 4483

Db 1 CUACUCGCCCCUCCAG 18

RESULT 1266

US-08-758-306-971/C
Sequence 971, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 971:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-971

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3438 GGCCCTGGAGCAGAGAA 3455
Db 18 GGTCCTGGAGCTGACAA 1

RESULT 1267

US-08-758-306-995
Sequence 995, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH

TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 995:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-995

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 72.2%; Pred. No. 7.9e+02;
Matches 13; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 4476 CCCTCCAGCCGATAGC 4493
Db 1 CCUCGACGCTUGCAUAGC 18

RESULT 1268

US-08-311-486C-1139
Sequence 1139, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisch
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF- α
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/111,486C
 FILING DATE: September 23, 1994
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA: including application
 PRIOR APPLICATION DATA: described below:
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 APPLICATION NUMBER: 07/989,849
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Wardburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/166
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELETYPE: 67-3510
 INFORMATION FOR SEQ ID NO: 1139:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-311-486C-1139

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Query March 0.2% Score 13.2; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 7.9e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0

QY      2985 CCACTGTGACGTGAAGAG 3002
      |||::|||::|||
Db      1 CCUCUCUGCCGUCACAGAG 18

RESULT 1269
US-08-435-628-2249/c
; Sequence 2249, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: MCSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:

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1 APPLICATION NUMBER: 08/373,124
2 FILING DATE: January 13, 1995
3 APPLICATION NUMBER: 08/245,466
4 FILING DATE: May 18, 1994
5 APPLICATION NUMBER: 08/192,943
6 FILING DATE: February 7, 1994
7 APPLICATION NUMBER: 07/987,132
8 FILING DATE: December 7, 1992
9 APPLICATION NUMBER: 07/936,422
10 FILING DATE: August 26, 1992
11 ATTORNEY/AGENT INFORMATION:
12 NAME: Waiburg, Richard
13 REGISTRATION NUMBER: 32,327
14 REFERENCE/DOCKET NUMBER: 209/035
15 TELECOMMUNICATION INFORMATION:
16 TELEPHONE: (213) 489-1600
17 TELEFAX: (213) 955-0440
18 TELEX: 67-3510
19 INFORMATION FOR SEQ ID NO: 2249:
20 SEQUENCE CHARACTERISTICS:
21 LENGTH: 18 base pairs
22 TYPE: nucleic acid
23 STRANDEDNESS: single
24 TOPOLOGY: linear
25 US-08-435-628-2249

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7,9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0;
Gaps 0;

0Y 3592 GTTGCTCAGGCTAACTTC 3609
|||||
Db 18 GGTCCTCAGGCTGTTCTC 1

RESULT 1270
US-08-346-429-3
Sequence 3, Application US/08346429
Patent No. 5837820
GENERAL INFORMATION:
APPLICANT: Derose, Richard
APPLICANT: Douce, Roland
APPLICANT: Duval, Manuel
APPLICANT: Job, Claudette
APPLICANT: Job, Dominique
TITLE OF INVENTION: PROTEIN CAPABLE OF BEING BIOTINYLATED WHICH CAN
TITLE OF INVENTION: BE USED FOR DETERMINING THE GERMINATION STAGE OF
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY SCOTT MURPHY & PRESSER
STREET: 400 Garden City Plaza
City: Garden City
STATE: New York
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,429
FILING DATE: 29-NOV-1994
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: DiGiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 9507
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366
TELEX: 230 901 SANS UR

```

; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: double
;   TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-346-429-3

Query Match      0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATTCAGAAAAAGAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAA 18

RESULT 1271
US-08-384-324-2/c
; Sequence 2, Application US/08384324
; Patent No. 5844110
; GENERAL INFORMATION:
; APPLICANT: Gold, Barry I.
; TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street, Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/384,324
; FILING DATE: 31-JAN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; REFERENCE/DOCKET NUMBER: 63076
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 563-4100
; TELEFAX: (215) 563-4044
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
; ANTI-SENSE: YES
US-08-384-324-2

Query Match      0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAATACAAAAAGAAAA 5413
Db 18 AGAAAAAGAAAAAGAAAA 1

RESULT 1272
US-08-384-324-4/c
; Sequence 4, Application US/08384324
; Patent No. 5844110
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```

; GENERAL INFORMATION:
; APPLICANT: Gold, Barry I.
; TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street, Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/384,324
; FILING DATE: 31-JAN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; REFERENCE/DOCKET NUMBER: 63076
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 563-4100
; TELEFAX: (215) 563-4044
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
; ANTI-SENSE: YES
US-08-384-324-4

Query Match      0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5397 AATTCAGAAAAAGAAAA 5414
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 1273
US-08-117-952-204/c
; Sequence 204, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
```

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 204:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-204

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3415 GATGATGAGGAGGAA 3432
DB 18 GATGATGAGGAGGAA 1

RESULT 1274
US-08-117-952-709
Sequence 709, Application US/08117952
Patent No. 5851760
GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
NUMBER OF SEQUENCES: 797
CORRESPONDENCE ADDRESS:
ADDRESSEE: Preity, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 709:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide

HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-709

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 592 TTCAGCTTCGTCGCC 609
DB 1 TTCCTGCTGCTCTCTCC 18

RESULT 1275
US-08-358-556A-12/C
Sequence 12, Application US/08358556A
Patent No. 5869643
GENERAL INFORMATION:
APPLICANT: Chatelet, Francois
APPLICANT: Kumarev, Viktor
TITLE OF INVENTION: Process for Preparing Polynucleotides on
TITLE OF INVENTION: a Solid Support and Apparatus Permitting its
TITLE OF INVENTION: Implementation
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
CITY: Washington D.C.
COUNTRY: U.S.A.
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
FEATURES:
NAME/KEY: CDS
LOCATION: 1..18
US-08-358-556A-12

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATCAAAAAGAAAAA 5415
DB 18 AAAAAAAAAAAAAAAAAA 1

```
RESULT 1276
US-08-358-556A-18
; Sequence 18, Application US/08358556A
; Patent No. 5869643
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; APPLICANT: Kumarev, Viktor
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; TITLE OF INVENTION: a Solid Support and Apparatus Permitting its
; TITLE OF INVENTION: Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666
; TELEFAX: (202) 393-5350
; TEXT: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
US-08-358-556A-18

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATCAACAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAA 18

RESULT 1277
US-08-471-969-13/c
; Sequence 13, Application US/08471969
; Patent No. 5871745
; GENERAL INFORMATION:
; APPLICANT: Heve PERRON
; APPLICANT: Francois MALLEET
; APPLICANT: Bernard MANDRAND
; APPLICANT: Frederic BEBINE
; APPLICANT: Frederic BEBINE
; TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
```

```
; TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOLI
; TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,969
; FILING DATE: June 6, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 36055A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleotide
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-471-969-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2099 CCGCAGTTGCGTATGC 2116
Db 18 CGTGCAGTTGCGGATGC 1

RESULT 1278
US-08-471-969-15/c
; Sequence 15, Application US/08471969
; Patent No. 5871745
; GENERAL INFORMATION:
; APPLICANT: Heve PERRON
; APPLICANT: Francois MALLEET
; APPLICANT: Bernard MANDRAND
; APPLICANT: Frederic BEBINE
; APPLICANT: Frederic BEBINE
; TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
; TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOLI
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,969
; FILING DATE: June 6, 1995
; ATTORNEY/AGENT INFORMATION:
```

NAME: Berridge, William P.
REGISTRATION NUMBER: 30.024
REFERENCE/DOCKET NUMBER: WPB 36055A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-471-969-15

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCTGCACTTGCGCTGATGC 2116
DB 18 CGTGCAGTTGCCGATGC 1

RESULT 1279
US-08-471-969-28/c
Sequence 28, Application US/08471969
Patent No. 5871745
GENERAL INFORMATION:
APPLICANT: Hevea PERRON
APPLICANT: Francois MALLEET
APPLICANT: Bernard MANDRAND
APPLICANT: Frederic BESME
APPLICANT: Frederic BESME
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSER: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471.969
FILING DATE: June 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30.024
REFERENCE/DOCKET NUMBER: WPB 36055A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-471-969-28

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCTGCACTTGCGCTGATGC 2116
DB 18 CGTGCAGTTGCCGATGC 1

RESULT 1280
US-08-384-137-13/c
Sequence 13, Application US/08384137
Patent No. 5871996
GENERAL INFORMATION:
APPLICANT: Hevea PERRON
APPLICANT: Francois MALLEET
APPLICANT: Bernard MANDRAND
APPLICANT: Frederic BESME
APPLICANT: Frederic BESME
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSER: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/384.137
FILING DATE: February 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30.024
REFERENCE/DOCKET NUMBER: WPB 36055
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-384-137-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCTGCACTTGCGCTGATGC 2116
DB 18 CGTGCAGTTGCCGATGC 1

RESULT 1281
US-08-384-137-15/c
Sequence 15, Application US/08384137
Patent No. 5871996
GENERAL INFORMATION:
APPLICANT: Hevea PERRON
APPLICANT: Francois MALLEET
APPLICANT: Bernard MANDRAND
APPLICANT: Frederic BESME
APPLICANT: Frederic BESME
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
NUMBER OF SEQUENCES: 38

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Oliff & Berridge
;; STREET: 700 South Washington Street, Suite 300
;; CITY: Alexandria
;; STATE: Virginia
;; COUNTRY: U.S.A.
;; ZIP: 22314
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.30
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/384,137
;; FILING DATE: February 6, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Berridge, William P.
;; REGISTRATION NUMBER: 30,024
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 703-836-6400
;; TELEFAX: 703-836-2787
;;
;; INFORMATION FOR SEQ ID NO: 15:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 bases
;; TYPE: nucleotide
;; STRANDEDNESS: single-stranded
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;;
;; US-08-384-137-15

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2099 CCGTCACTTCCCGATGC 2116
DB 18 CCGTCACTTCCCGATGC 1

RESULT 1282
US-08-384-137-28/C
; Sequence 28, Application US/08384137
; Patent No. 5871996
; GENERAL INFORMATION:
; APPLICANT: Hervé PERRON
; APPLICANT: Francois MALLET
; APPLICANT: Bernard MANDRAND
; APPLICANT: Frederic BESEME
; TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
; TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL
; TITLE OF INVENTION: CONSTITUENTS THEROP (AS AMENDED)
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/384,137
; FILING DATE: February 6, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 36055

;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 703-836-6400
;; TELEFAX: 703-836-2787
;; INFORMATION FOR SEQ ID NO: 28:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 bases
;; TYPE: nucleotide
;; STRANDEDNESS: single-stranded
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;;
;; US-08-384-137-28

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2099 CCGTCACTTCCCGATGC 2116
DB 18 CCGTCACTTCCCGATGC 1

RESULT 1283
US-08-469-852A-4/C
; Sequence 4, Application US/08469852A
; Patent No. 5874213
; GENERAL INFORMATION:
; APPLICANT: Cummins, Lendell L.
; APPLICANT: Freier, Susan M.
; APPLICANT: Griffee, Richard
; APPLICANT: Sivasasa, Susan G.
; TITLE OF INVENTION: Capillary Electrophoretic Detection of
; TITLE OF INVENTION: Nucleic Acids
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5874213rls LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 MB
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,852A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/295,509
; FILING DATE: 24-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straher
; REGISTRATION NUMBER: 38,325
; REFERENCE/DOCKET NUMBER: ISIS-2015
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-469-852A-4

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATGCAAAAAGAAAAA 5415
||| ||||| |||||

Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 1284

US-08-585-684B-2556/c
Sequence 2556, Application US/08585684B
Patent No. 5877021

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESS: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/585,684B

FILING DATE: January 16, 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/000,951

FILING DATE: July 7, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2556:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-585-684B-2556

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 781 CAGGAAGGGCAGGCCAC 798
18 CAGAAAAGGCAGGCCTC 1

RESULT 1285

US-08-320-306-1
Sequence 1, Application US/08320306
Patent No. 5891623

GENERAL INFORMATION:

APPLICANT: Priml, Daniele

TITLE OF INVENTION: Diagnosis and Treatment of

TITLE OF INVENTION: AIDS Onset

NUMBER OF SEQUENCES: 57

CORRESPONDENCE ADDRESS:

ADDRESS: Thomas E. Popovich, Thomas

ADDRESS: Popovich & Associates

STREET: 80 South 8th Street

CITY: Minneapolis

STATE: Minnesota

COUNTRY: USA

ZIP: 55402-2111

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB

MEDIUM TYPE: Storage

COMPUTER: IBM Compatible Compaq Prolinea

COMPUTER: 4/66

OPERATING SYSTEM: MS-DOS Version 5

SOFTWARE: Microsoft Word for Windows

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/320,306

FILING DATE: 06-OCT-1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/973,485

FILING DATE: No. 5891623ember 9, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Thomas E. Popovich

REGISTRATION NUMBER: 30099

REFERENCE/DOCKET NUMBER: 3678

TELECOMMUNICATION INFORMATION:

TELEPHONE: (612) 334-8991

TELEFAX: (612) 334-8994

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 bases

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid

MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor

MOLECULE TYPE: Vb region)

HYPOTHETICAL: No

ORIGINAL SOURCE: Synthesized using

ORIGINAL SOURCE: oligonucleotide synthesis machine

PUBLICATION INFORMATION:

AUTHORS: Imberti, Luisa; Sotiri,

AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,

AUTHORS: Daniele

TITLE: Selective Depletion in HIV Infection

TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences

JOURNAL: Science

VOLUME: 254

ISSUE: 5033

PAGES: 860-862

PUBLICATION DATE: No. 5891623ember 8, 1991

US-08-320-306-1

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 4012 GTGACCTCCTCACTT 4029
1 GTGACCTCCTCCATT 18

RESULT 1286

US-08-912-129A-33/C

Sequence 33, Application US/08912129A

Patent No. 5822533

GENERAL INFORMATION:

APPLICANT: VALLARI, ANADRUZELA S.

APPLICANT: HACKETT, JOHN JR.

APPLICANT: HICKMAN, ROBERT K.

APPLICANT: VARLEY, VINCENT A. JR.

APPLICANT: NECKLAYS, ELIZABETH A.

APPLICANT: GOLDEN, ALAN M.

APPLICANT: BRENNAN, CATHERINE A.

APPLICANT: DEVARE, SUSHIL G.

TITLE OF INVENTION: RAPID ASSAY FOR SIMULTANEOUS DETECTION AND DIFFERENTIATION

NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS (Windows 95)
SOFTWARE: Microsoft Word (ASCII format output)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,129A
FILING DATE: 15-AUG-1997
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Danckers, Andreas M.
REGISTRATION NUMBER: 32,652
REFERENCE/DOCKET NUMBER: 6109.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847-937-9803
TELEFAX: 847-938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-912-129A-33

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1476 TGGCCAGCGCTGGATAC 1493
DB 18 TGGCAGCGTGTGATAC 1

RESULT 1287
US-08-488-209B-1
Sequence 1, Application US/08488209B
Patent No. 5925513
GENERAL INFORMATION:
APPLICANT: Primi, Daniele
TITLE OF INVENTION: Diagnosis and Treatment of
TITLE OF INVENTION: AIDS Onset
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Thomas E. Popovich, Thomas
ADDRESSEE: Popovich & Associates
STREET: 80 South 8th Street
CITY: Minneapolis
STATE: Minnesota
COUNTRY: USA
ZIP: 55402-2111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible Compaq Prolinea
COMPUTER: 4/66
OPERATING SYSTEM: MS-DOS Version 5
SOFTWARE: Microsoft Word for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,209B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,485
FILING DATE: No. 5925513member 9, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Thomas E. Popovich
REGISTRATION NUMBER: 30099
REFERENCE/DOCKET NUMBER: 3678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 334-8991
TELEFAX: (612) 334-8994
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Other nucleic acid
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor
MOLECULE TYPE: Vb region)
HYPOTHETICAL: No
ORIGINAL SOURCE: Synthesized using
ORIGINAL SOURCE: oligonucleotide synthesis machine
PUBLICATION INFORMATION:
AUTHORS: Imberti, Luisa; Sotini,
AUTHORS: Alessandra; Bettinardi, Massimo; Primi,
TITLE: Selective Depletion in HIV Infection
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
JOURNAL: Science
VOLUME: 254
ISSUE: 5033
PAGES: 860-862
PUBLICATION DATE: No. 5925513member 8, 1991
US-08-488-209B-1

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4012 GTGCACCTCCCTTCATT 4029
DB 1 GTGCACCTCCCTTCATT 18

RESULT 1288
US-08-408-011-1
Sequence 1, Application US/08408011
Patent No. 5928642
GENERAL INFORMATION:
APPLICANT: Primi, Daniele
TITLE OF INVENTION: Diagnosis and Treatment of
TITLE OF INVENTION: AIDS Onset
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Thomas E. Popovich, Thomas
ADDRESSEE: Popovich & Associates
STREET: 80 South 8th Street
CITY: Minneapolis
STATE: Minnesota
COUNTRY: USA
ZIP: 55402-2111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible Compaq Prolinea
COMPUTER: 4/66
OPERATING SYSTEM: MS-DOS Version 5
SOFTWARE: Microsoft Word for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/408,011
FILING DATE: 18-OCT-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/973,485
FILING DATE: No. 5928642emher 9, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Thomas E. Popovich
REGISTRATION NUMBER: 30099
REFERENCE/DOCKET NUMBER: 3678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 334-8991
TELEFAX: (612) 334-8994
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Other nucleic acid
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor
MOLECULE TYPE: Vb region)
HYPOTHETICAL: No
ORIGINAL SOURCE: Synthesized using
ORIGINAL SOURCE: oligonucleotide synthesis machine
PUBLICATION INFORMATION:
AUTHORS: Imberti, Luisa; Sottini,
AUTHORS: Alessandra; Bettinardi, Alessandria; Puoti, Massimo; Primi,
AUTHORS: Daniele
TITLE: Selective Depletion in HIV Infection
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
JOURNAL: Science
VOLUME: 254
ISSUE: 5033
PAGES: 860-862
PUBLICATION DATE: No. 5928642emher 8, 1991
US-08-408-011-1

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4012 GTGCACCTCCTCCTT 4029
DB 1 GTGCACCTCCTCCTT 18

RESULT 1289
US-08-996-306-39/c
Sequence 39, Application US/08996306
Patent No. 5945522
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Blumenfeld, Marta
APPLICANT: Bouguetel, Lydie
TITLE OF INVENTION: Prostate cancer gene
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 501 West Broadway
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92101-3505
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: Win95
SOFTWARE: Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/996,306
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Israelien, Ned A.
REGISTRATION NUMBER: 29,655

REFERENCE/DOCKET NUMBER: GENSET.018A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: 99-123-PV upstream primer
LOCATION: 1..18
US-08-996-306-39

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4834 CCTTGAGTCTGCTT 4851
DB 18 CCTTGAGTCTGCTT 1

RESULT 1290
US-09-213-767-33
Sequence 33, Application US/09213767
Patent No. 5948680
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
FILE REFERENCE: RTS-0024
CURRENT APPLICATION NUMBER: US/09/213,767
CURRENT FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 33
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-767-33

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1082 GATCCCACTCAGCCCA 1099
DB 1 GATCCCACTCAGCCCA 18

RESULT 1291
US-09-205-922-12/c
Sequence 12, Application US/09205922
Patent No. 5951455
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION
FILE REFERENCE: RTS-0030
CURRENT APPLICATION NUMBER: US/09/205,922
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 12
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide

US-09-205-922-12

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3409 CTGAGTATGATGAGG 3426

DB 18 CTGAGCATGAGTGAG 1

RESULT 1292

US-09-205-922-44/C
Sequence 44, Application US/09205922
Patent No. 5951455
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION
FILE REFERENCE: RTS-0030
CURRENT APPLICATION NUMBER: US/09/205,922
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 44
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-922-44

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3106 AGAGCCACGACCCCTG 3123

DB 18 AGTGCCATCAAGACCTG 1

RESULT 1293

US-08-787-902A-2
Sequence 2, Application US/08787902A
Patent No. 5957972
GENERAL INFORMATION:
APPLICANT: Williams, Stuart K.
TITLE OF INVENTION: Improved Implants Possessing a Surfa
TITLE OF INVENTION: ce of Endothelial Cells Genetically-Modified to
TITLE OF INVENTION: Intimal Thickening.
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Antonio Durando
STREET: 2929 E. Broadway Blvd.
CITY: Tucson
STATE: AZ
COUNTRY: U.S.A.
ZIP: 85716
COMPUTER READABLE FORM:
MEDIUM TYPE: diskette, 3.5 inch, 1.44Mb storage
COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 3.1
SOFTWARE: Word Perfect 6.0a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/787,902A
FILING DATE: 23-JAN-97
CLASSIFICATION: 623
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/010616; 07/953,474
FILING DATE: 26-JAN-96; 29-SEP-92
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-787-902A-2

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1733 GGCTGCTCTTCATCTCG 1750

DB 1 GGATGCTCTTCGACCTCG 18

RESULT 1294

US-09-205-204-34
Sequence 34, Application US/09205204
Patent No. 5958772
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-1 EXPRESS
FILE REFERENCE: RTS-0020
CURRENT APPLICATION NUMBER: US/09/205,204
CURRENT FILING DATE: 1998-12-03
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 34
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-204-34

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3634 TTCCCAATTGCTGAGATT 3651

DB 1 TTCCCAATTGCTGAGCTT 18

RESULT 1295

US-08-470-006A-13/C
Sequence 13, Application US/08470006A
Patent No. 5962217
GENERAL INFORMATION:
APPLICANT: Hervé PERRON
APPLICANT: Francois MALLET
APPLICANT: Bernard MANDRAND
APPLICANT: Frederic BESME
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND
TITLE OF INVENTION: BIOPOLYMER CONSTITUENTS THEREOF (AS AMENDED)
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,006A
FILING DATE: June 6, 1995
ATTORNEY/AGENT INFORMATION:

NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-470-006A-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2099 CCTGCAGTGGCTGATGC 2116
Db 18 CCGCAGTGGCCGATGC 1

RESULT 1296
US-08-470-006A-15/c
Sequence 15, Application US/08470006A
Patent No. 5962217
GENERAL INFORMATION:
APPLICANT: Hervé PERRON
APPLICANT: Francois MALLLET
APPLICANT: Bernard MANDRAND
APPLICANT: Frederic BESME
APPLICANT: Frederic BEDI
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND
TITLE OF INVENTION: BIOPOLYMER CONSTITUENTS THEREOF (AS AMENDED)
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/08/470,006A
APPLICATION NUMBER: US/08/470,006A
FILING DATE: June 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-470-006A-15

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2099 CCTGCAGTGGCTGATGC 2116
Db 18 CCGCAGTGGCCGATGC 1

RESULT 1297
US-08-470-006A-28/c
Sequence 28, Application US/08470006A
Patent No. 5962217
GENERAL INFORMATION:
APPLICANT: Hervé PERRON
APPLICANT: Francois MALLLET
APPLICANT: Bernard MANDRAND
APPLICANT: Frederic BESME
APPLICANT: Frederic BEDI
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND
TITLE OF INVENTION: BIOPOLYMER CONSTITUENTS THEREOF (AS AMENDED)
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/08/470,006A
APPLICATION NUMBER: US/08/470,006A
FILING DATE: June 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-470-006A-28

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2099 CCTGCAGTGGCTGATGC 2116
Db 18 CCGCAGTGGCCGATGC 1

RESULT 1298
US-09-197-360-35/c
Sequence 35, Application US/09197360
Patent No. 5962673
GENERAL INFORMATION:
APPLICANT: Brett P. Monla
APPLICANT: Lex M. Cowart
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-ALPHA EXPRESSION
FILE REFERENCE: RTS-0018
CURRENT APPLICATION NUMBER: US/09/197,360
CURRENT FILING DATE: 1998-11-28
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 35
LENGTH: 18

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-197-360-35

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      436 GGCAGAGACGACACTGT 453
        |||||
Db      18 GACAAAGCGACGACATGT 1

RESULT 1299
US-09-256-496-73
; Sequence 73, Application US/09256496
; Patent No. 5998306
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ADLHA-12 EXPRESSION
; FILE REFERENCE: RTS-0056
; CURRENT APPLICATION NUMBER: US/09/256,496
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 73
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-496-73

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      2567 GGGAGAGAGATGGAGA 2584
        |||||
Db      1 GGAAGAGATGATGGAGA 18

RESULT 1300
US-08-691-563C-13/c
; Sequence 13, Application US/08691563C
; Patent No. 6001987
; GENERAL INFORMATION:
; APPLICANT: Hevye PERRON
; APPLICANT: Frederic BESME
; APPLICANT: Frederic BEDIN
; APPLICANT: Glauca PARANHOS-BACCALA
; APPLICANT: Florence KOMURIAN-PRADEL
; APPLICANT: Colette JOLIVERT
; APPLICANT: Bernard MANDRAND
; TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
; TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACTIC
; TITLE OF INVENTION: THERAPEUTIC PURPOSES
; NUMBER OF SEQUENCES: 92
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/691,563C
```

```

; FILING DATE: 02-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 38588
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleotide
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-691-563C-13

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      2099 CCTGCACTTCCTGATGC 2116
        |||||
Db      18 CGTGCAGTTCGGATGC 1

RESULT 1301
US-08-691-563C-15/c
; Sequence 15, Application US/08691563C
; Patent No. 6001987
; GENERAL INFORMATION:
; APPLICANT: Hevye PERRON
; APPLICANT: Frederic BESME
; APPLICANT: Frederic BEDIN
; APPLICANT: Glauca PARANHOS-BACCALA
; APPLICANT: Florence KOMURIAN-PRADEL
; APPLICANT: Colette JOLIVERT
; APPLICANT: Bernard MANDRAND
; TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
; TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACTIC
; TITLE OF INVENTION: THERAPEUTIC PURPOSES
; NUMBER OF SEQUENCES: 92
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/691,563C
; FILING DATE: 02-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 38588
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleotide
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-691-563C-15
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Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCTGCACCTTGCCCTGATGC 2116
DB 18 CGTGCAGTTGCCGCGATGC 1

RESULT 1302
US-08-691-563C-28/c

Sequence 28, Application US/08691563C
Patent No. 6001987

GENERAL INFORMATION:

APPLICANT: Herve PERRON

APPLICANT: Frederic BESEME

APPLICANT: Frederic BEDIN

APPLICANT: Glauca PARANHOS-BACCALA

APPLICANT: Florence KOMURIAN-PRADEL

APPLICANT: Colette JOLIVET

APPLICANT: Bernard MANDRAND

TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS

TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACTIC

NUMBER OF SEQUENCES: 92

CORRESPONDENCE ADDRESS:

ADDRESS: Oliffe & Bertride

STREET: 700 South Washington Street, Suite 300

CITY: Alexandria

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22314

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/691,563C

FILING DATE: 02-AUG-1996

ATTORNEY/AGENT INFORMATION:

NAME: Bertride, William P.

REGISTRATION NUMBER: 30,024

REFERENCE/DOCKET NUMBER: WPP 38588

TELECOMMUNICATION INFORMATION:

TELEPHONE: 703-836-6400

TELEFAX: 703-836-2787

INFORMATION FOR SEQ ID NO: 28:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleotide

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: CDNA

US-08-691-563C-28

Query Match 0.2%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCTGCACCTTGCCCTGATGC 2116
DB 18 CGTGCAGTTGCCGCGATGC 1

RESULT 1303
US-09-106-038A-23

Sequence 23, Application US/09106038A

Patent No. 6007995

GENERAL INFORMATION:

APPLICANT: Brenda F. Baker and Lex M. Cowsett

TITLE OF INVENTION: ANTISENSE MODULATION OF TYRPI

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:

ADDRESS: Isis Pharmaceuticals, Inc.

STREET: 2292 Paraday Avenue

CITY: Carlsbad

STATE: CA

COUNTRY: U.S.A.

ZIP: 92008

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch disk, 1.44 MB

COMPUTER: IBM PC compatible

OPERATING SYSTEM: Windows NT

SOFTWARE: Microsoft Word 97

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/106,038A

FILING DATE: June 26, 1998

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Laurel Spear Bernstein

REGISTRATION NUMBER: 37,280

REFERENCE/DOCKET NUMBER: RTS-0004

TELECOMMUNICATION INFORMATION:

TELEPHONE: (760) 931-9200

TELEFAX: (760) 603-3820

INFORMATION FOR SEQ ID NO: 23:

SEQUENCE CHARACTERISTICS:

LENGTH: 18

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-106-038A-23

Query Match 0.2%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3212 AGCGACCTGACCTGATCA 3229
DB 1 AGCGACGACGACGATCA 18

RESULT 1304
US-09-205-921-12/c

Sequence 12, Application US/09205921A

Patent No. 6008048

GENERAL INFORMATION:

APPLICANT: Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION

FILE REFERENCE: RTS-0028

CURRENT APPLICATION NUMBER: US/09/205,921A

CURRENT FILING DATE: 1998-12-04

NUMBER OF SEQ ID NOS: 47

SEQ ID NO 12

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-205-921-12

Query Match 0.2%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4087 GAGGAGGATGCTCTG 4104
DB 18 GAGGAGATGATGCTGCTG 1

RESULT 1305

US-09-205-921-28/c

Sequence 28, Application US/09205921A

```
; Patent No. 6008048
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: ex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
; FILE REFERENCE: RTS-0028
; CURRENT APPLICATION NUMBER: US/09/205,921A
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-205-921-28

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1617 CTACTTCAGCTGCAGAGA 1634
Db      18 CAATTGACGCCGACGCGA 1

RESULT 1306
US-09-205-921-31/c
; Sequence 31, Application US/09205921A
; Patent No. 6008048
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: ex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
; FILE REFERENCE: RTS-0028
; CURRENT APPLICATION NUMBER: US/09/205,921A
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-205-921-31

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4398 GAAAGACAGAGAGATGA 4415
Db      18 GAAGGACAGAGAGACAG 1

RESULT 1307
US-09-255-911-23
; Sequence 23, Application US/09255911
; Patent No. 6013522
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD1 EXPRESSION
; FILE REFERENCE: RTS-0040
; CURRENT APPLICATION NUMBER: US/09/255,911
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 46
; SEQ ID NO 23
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
```

```
US-09-255-911-23

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1098 CAGCTGACGCCGACGAGA 1115
Db      1 CAGCTGCACTTCAGAGA 18

RESULT 1308
US-08-462-947-27/c
; Sequence 27, Application US/08462947
; Patent No. 6015708
; GENERAL INFORMATION:
; APPLICANT: Sherwin, Stephen
; APPLICANT: Skoultsch, Arthur
; APPLICANT: Klapholz, Sue
; TITLE OF INVENTION: GENE MANIPULATION AND EXPRESSION USING
; TITLE OF INVENTION: GENOMIC ELEMENTS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: CELL GENESYS, INC.
; STREET: 322 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/462,947
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/102,567
; FILING DATE: 05-AUG-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Mandel, Saradyan
; REGISTRATION NUMBER: 31,853
; REFERENCE/DOCKET NUMBER: CELL 6.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 358-9600
; TELEFAX: (415) 358-0803
; TELEX:
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-462-947-27

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2176 CTACATTACTTGCCTCCAG 2193
Db      18 CTAGCCACTTGCCTCCAG 1

RESULT 1309
US-09-161-443-46/c
; Sequence 46, Application US/09161443A
; Patent No. 6020198
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
```

APPLICANT: Lex M. Cowse
TITLE OF INVENTION: ANTISENSE MODULATION OF RIP-1 EXPRESSION
FILE REFERENCE: RTS-0011
CURRENT APPLICATION NUMBER: US/09/161,443A
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 46
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-09-161-443-46

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3599 AGGCTAATCTCAACTCC 3616
Db 18 AGGCTGCTCTCAACTTC 1

RESULT 1310
US-09-358-381-10/c
Sequence 10, Application US/09358381
Patent No. 6020199
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowse
TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
FILE REFERENCE: RTS-0079
CURRENT APPLICATION NUMBER: US/09/358,381
CURRENT FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 10
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-09-358-381-10

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3152 TCACGATGCTGAGCCCA 3169
Db 18 TCTCGAGAGCTGCAGCCA 1

RESULT 1311
US-08-858-876A-9/c
Sequence 9, Application US/08858876A
Patent No. 6022856
GENERAL INFORMATION:
APPLICANT: Daniel CAPUT
APPLICANT: Pascale CHALON
APPLICANT: Pasquale FERRARA
APPLICANT: Vito NATALIO
TITLE OF INVENTION: Type 2 Neurotensin Receptor
TITLE OF INVENTION: (NNT-R2)
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESSES:
ADDRESS: Jacobson, Price, Holman & Stern, PLLC
STREET: 400 Seventh Street
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/858,876A
FILING DATE: 19-SEP-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FR 9723204
FILING DATE: 17-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Player, William B.
REGISTRATION NUMBER: 31,049
INFORMATION FOR SEQ ID NOS: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-858-876A-9

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 705 TGGGAGAGCGGCGCTG 722
Db 18 TTGGAGAGCAGGCGCAG 1

RESULT 1312
US-09-339-964-42/c
Sequence 42, Application US/09339964
Patent No. 6025198
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowse
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION
FILE REFERENCE: RTS-0065
CURRENT APPLICATION NUMBER: US/09/339,964
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 42
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-09-339-964-42

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3342 ACTGCTCTGTGAGGCGT 3359
Db 18 ACTGCTCTGTGAGCTCT 1

RESULT 1313
US-09-189-760-4
Sequence 4, Application US/09189760
Patent No. 6031078
GENERAL INFORMATION:
APPLICANT: Khodadoust, Mehran
APPLICANT: NOVEL MTBX PROTEIN AND NUCLEIC ACID MOLECULES AND USES
TITLE OF INVENTION: THEREFOR
FILE REFERENCE: NNT-046CP2
CURRENT APPLICATION NUMBER: US/09/189,760
CURRENT FILING DATE: 1998-11-10
EARLIER APPLICATION NUMBER: 09/163,116
EARLIER FILING DATE: 1998-09-29
EARLIER APPLICATION NUMBER: 60/089,467

```
; EARLIER FILING DATE: 1998-06-16
; EARLIER APPLICATION NUMBER: (PENDING)
; EARLIER FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-189-760-4

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1125 TCCTGGAGCCCAATGGCC 1142
Db      1 TCCTGAGTCCCACTGGCC 18

RESULT 1314
US-09-188-811-4
; Sequence 4, Application US/09188811
; Patent No. 6037148
; GENERAL INFORMATION:
; APPLICANT: Rhododoust, Mehran
; TITLE OF INVENTION: NOVEL MTBX PROTEIN AND NUCLEIC ACID MOLECULES AND USES
; FILE REFERENCE: MNI-046CP
; CURRENT APPLICATION NUMBER: US/09/188,811
; EARLIER FILING DATE: 1998-11-09
; EARLIER APPLICATION NUMBER: 09/163,116
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-188-811-4

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1125 TCCTGGAGCCCAATGGCC 1142
Db      1 TCCTGAGTCCCACTGGCC 18

RESULT 1315
US-08-859-167-7
; Sequence 7, Application US/08859167
; Patent No. 6037461
; GENERAL INFORMATION:
; APPLICANT: Alnemir, Emed S.
; APPLICANT: Fernandez-Alnemir, Teresa
; TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
; TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS
; TITLE OF INVENTION: OF MAKING THE SAME
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6037461-18
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: WINDOWS
; SOFTWARE: WordPerfect
```

```
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,167
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TTU-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-859-167-7

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3599 AGGCTATCTCAACTCC 3616
Db      1 AGGCTGCTCGAATCC 18

RESULT 1316
US-09-339-993-35
; Sequence 35, Application US/0933993A
; Patent No. 6040179
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-12 EXPRESSION
; FILE REFERENCE: RTS-0064
; CURRENT APPLICATION NUMBER: US/09/339,993A
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 35
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-993-35

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4399 AAAGACAGAAAGATGAG 4416
Db      1 AAAGAGAGAAAGAGAG 18

RESULT 1317
US-09-256-465-44/C
; Sequence 44, Application US/09256465
; Patent No. 6043090
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-2 EXPRESSION
; FILE REFERENCE: RTS-0035
; CURRENT APPLICATION NUMBER: US/09/256,465
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
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FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-465-44

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

4232 TTTACGACGGGTCATC 4249
DB 18 TTTACGACGGGTCATC 1

RESULT 1318

US-08-295-509B-4/C
Sequence 4, Application US/08295509B

PATENT NO. 6045995
GENERAL INFORMATION:
APPLICANT: Cummins, Lendell L.
APPLICANT: Preiser, Susan M.
APPLICANT: Griffey, Richard
APPLICANT: Strivasa, Susan G.
TITLE OF INVENTION: Capillary Electrophoretic Detection of
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSER: Woodcock Washburn Kurtz Mackiewicz and No. 6045995r1s
STREET: One Liberty Place - 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/295,509B

FILING DATE: 24-AUG-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: 151S-1395
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-295-509B-4

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

5398 AATCAAAAAGAAAAA 5415
DB 18 AAAAAAAAAAAAAAA 1

RESULT 1319
US-09-344-579-32/C

Sequence 32, Application US/09344579
PATENT NO. 6054316
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF ETS-2 EXPRESSION

FILE REFERENCE: RTS-0063
CURRENT APPLICATION NUMBER: US/09/344,579
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 32
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-579-32

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1027 CCAAGCAGAGTCAACC 1044
DB 18 CCAAGCAGAGTCAACC 1

RESULT 1320

US-09-109-273-7
Sequence 7, Application US/09109273

PATENT NO. 6063760
GENERAL INFORMATION:
APPLICANT: Alnemri, Emad S.
APPLICANT: Fernandez-Alnemri, Teresa
TITLE OF INVENTION: RAD-1-LIKE ANTI-APOTOTIC MOLECULES, METHODS OF
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSER: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6063760r1s
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/109,273
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/859,167
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-109-273-7

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

3599 AGGTAATCTCAACTCC 3616
DB 18 AGGTAATCTCAACTCC 1

Db 1 AGCGTGTCTCGAACTCC 18

RESULT 1321
US-08-765-626-29/c
; Sequence 29, Application US/08765626
; Patent No. 6071726
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppendahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,626
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08605
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/388,381
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN-P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHEetical: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 5 of human p53 gene
; US-08-765-626-29

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2186 TTGCCCCGAGCTCTCCAG 2203
Db 18 TTGCCAGGCTCCAGG 1

RESULT 1322
US-08-884-029-9/c
; Sequence 9, Application US/08884029

; Patent No. 6071745
; GENERAL INFORMATION:
; APPLICANT: Lin, Ching-I Patey
; APPLICANT: Wallace, Robert Bruce
; APPLICANT: Cosman, Jeffrey
; APPLICANT: French, Cynthia
; TITLE OF INVENTION: Lyophilization of Cultured Human Cells
; TITLE OF INVENTION: to Preserve RNA and DNA
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/884,029
; FILING DATE: 27-JUN-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Parent, Annette S.
; REGISTRATION NUMBER: 42,058
; REFERENCE/DOCKET NUMBER: 025588-059100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13..18
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "c at positions 13-18 may be
; OTHER INFORMATION: present or absent"
; US-08-884-029-9

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATACAAAAGAAAGAAA 5415
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 1323
US-08-867-381A-34/c
; Sequence 34, Application US/08667381A
; Patent No. 6075123
; GENERAL INFORMATION:
; APPLICANT: Labl1, Jill M.
; APPLICANT: Kidd, Vincent J.
; TITLE OF INVENTION: CYCLIN-C VARIANT, AND DIAGNOSTIC AND
; TITLE OF INVENTION: THERAPEUTIC USES THEREOF
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David A. Jackson, Esq.
; STREET: 411 Hackensack Ave, Continental Plaza, 4th
; STREET: Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA

```

;
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/867,381A
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 1340-1-001 N
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotides C-28"
; HYPOTHETICAL: NO
; US-08-867-381A-34

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4801 CTCGACGACTGAGTATC 4818
DB 18 CTCGACGACTGAGTATC 1

RESULT 1324
US-08-872-917-1/C
; Sequence 1, Application US/08872917
; Patent No. 6096549
; GENERAL INFORMATION:
; APPLICANT: PELICIC, Vladimir
; APPLICANT: REYRAT, Jean-Marc
; APPLICANT: GICQUEL, Brigitte
; TITLE OF INVENTION: METHOD OF SELECTION OF ALLELIC EXCHANGE MUTANTS
; FILE REFERENCE: 03495.0148-01
; CURRENT APPLICATION NUMBER: US/08/872,917
; CURRENT FILING DATE: 1997-07-11
; EARLIER APPLICATION NUMBER: 08/661,658
; EARLIER FILING DATE: 1996-06-11
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Patentn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Mycobacterium sp.
; US-08-872-917-1

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2116 CAGCAGATGAGCGGAG 2133
DB 18 CCGAGAGGAGGAGCGGAG 1

RESULT 1325
US-08-941-445A-30
; Sequence 30, Application US/08941445A
; Patent No. 6107060
; GENERAL INFORMATION:
```

```

;
; APPLICANT: Keeling, Peter
; APPLICANT: Guan, Hanning
; TITLE OF INVENTION: Starch Encapsulation
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
; STREET: 5370 Manhattan Circle
; CITY: Boulder
; STATE: CO
; COUNTRY: US
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/941,445A
; FILING DATE: 30-SEP-1997
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/026,855
; FILING DATE: 30-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Winner, Ellen P
; REGISTRATION NUMBER: 28,547
; REFERENCE/DOCKET NUMBER: 89-97
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080
; TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: not relevant
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; US-08-941-445A-30

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATCAAAAAGAAAAA 5415
DB 1 AAAAAAAAAAAAAAAAAA 18

RESULT 1326
US-09-205-143-41/C
; Sequence 41, Application US/09205143
; Patent No. 6107091
; GENERAL INFORMATION:
; APPLICANT: Lex M. Coweart
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
; FILE REFERENCE: RTS-0032
; CURRENT APPLICATION NUMBER: US/09/205,143
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 41
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-205-143-41

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3920 ACCAGTCTCGGTGAGA 3937
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Db 18 ACCAGTGCCTGAGACCA 1

RESULT 1327
US-09-205-143-57/c
; Sequence 57, Application US/09205143
; Patent No. 6107091
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
; FILE REFERENCE: RTS-0032
; CURRENT APPLICATION NUMBER: US/09/205,143
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 57
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-143-57

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3925 TTCCTGGGTGATCAAC 3942
| | | | | | | | | | | | | | | | | | | | | |
Db 18 TACCTGACGATCAAC 1

RESULT 1328
US-09-280-409-49/c
; Sequence 49, Application US/09280409
; Patent No. 6107092
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409
; CURRENT FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 49
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-49

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1901 CCACAGCTGCAGACCA 1918
| | | | | | | | | | | | | | | | | | | | | |
Db 18 CCACAGCTGCAGACCA 1

RESULT 1329
US-09-280-409-93
; Sequence 93, Application US/09280409
; Patent No. 6107092
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409

; CURRENT FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 93
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-93

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3384 ACCGCTGGGCTGACCA 3401
| | | | | | | | | | | | | | | | | | | | | |
Db 1 ACCGACAGGACGACCA 18

RESULT 1330
US-09-289-466-65/c
; Sequence 65, Application US/09289466A
; Patent No. 6124272
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: RTS-0060
; CURRENT APPLICATION NUMBER: US/09/289,466A
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 65
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-65

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 235 CCTGACCTCTGCTG 252
| | | | | | | | | | | | | | | | | | | | | |
Db 18 CCTGACCTCTGCTG 1

RESULT 1331
US-09-289-466-75
; Sequence 75, Application US/09289466A
; Patent No. 6124272
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: RTS-0060
; CURRENT APPLICATION NUMBER: US/09/289,466A
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 75
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-75

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1284 ATGGAGCTTGTGTGAG 1301

Db 1 ATGTGTCCTCTGTGAG 18

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RESULT 1332
US-09-054-830-19/c
Sequence 19, Application US/09054830
Patent No. 6127121
GENERAL INFORMATION:
APPLICANT: Meyer, Rich
TITLE OF INVENTION: OLIGONUCLEOTIDES CONTAINING
TITLE OF INVENTION: PYRAZOLO[3,4-D]PYRIMIDINES FOR HYBRIDIZATION AND
TITLE OF INVENTION: MISMATCH DISCRIMINATION
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESSES:
ADDRESSER: MORRISON & FORBSTER
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/054,830
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 34469-20005.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-054-830-19

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1073 GGAGCTGGGATCCCGAC 1090
Db 18 GCAGCTCGGAGACCCAC 1

RESULT 1333
US-09-200-990-13/c
Sequence 13, Application US/09200990
Patent No. 6184025
GENERAL INFORMATION:
APPLICANT: Hervé PERRON
APPLICANT: Francois MALLET
APPLICANT: Bernard MANDRAND
APPLICANT: Frederic BESME
APPLICANT: Frederic BESME
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INJECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESSES:
```

```
ADDRESSER: Ollif & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/200,990
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/471,969
FILING DATE: June 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-200-990-13
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Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2099 CCGCAGTGGCGATGC 2116
Db 18 CGTGCAGTGGCGATGC 1

RESULT 1334
US-09-200-990-15/c
Sequence 15, Application US/09200990
Patent No. 6184025
GENERAL INFORMATION:
APPLICANT: Hervé PERRON
APPLICANT: Francois MALLET
APPLICANT: Bernard MANDRAND
APPLICANT: Frederic BESME
APPLICANT: Frederic BESME
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INJECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESSES:
ADDRESSER: Ollif & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/200,990
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/471,969
```

FILING DATE: June 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-200-990-15

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2099 CCGTCACTGCGCTGATGC 2116
| | | | | | | | | | | | | | | | | | | |
Db 18 CCGTCACTGCGCGATGC 1

RESULT 1335
US-09-200-990-28/c
Sequence 28, Application US/09200990
Patent No. 6184025

GENERAL INFORMATION:
APPLICANT: HEYVE PERRON
APPLICANT: FRANCOIS MAILLET
APPLICANT: BERNARD MANDRAND
APPLICANT: FREDERIC BREDIN
APPLICANT: FREDERIC BESME
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/200,990
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/471,969
FILING DATE: June 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-200-990-28

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2099 CCGTCACTGCGCGATGC 2116
| | | | | | | | | | | | | | | | | | | |
Db 18 CCGTCACTGCGCGATGC 1

RESULT 1336
US-09-038-073-2556/c
Sequence 2556, Application US/09038073
Patent No. 6194150

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Fastseq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2556:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2556

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 781 CAGGAAGGGGCGAGCCAC 798
| | | | | | | | | | | | | | | | | | | |
Db 18 CAGGAAGGGGCGAGCCCTC 1

RESULT 1337
US-09-071-433-81
Sequence 81, Application US/09071433A
Patent No. 6197584

GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank

APPLICANT: Cowser, Lex M
TITLE OF INVENTION: Antisense Modulation of CD40 Expression
FILE REFERENCE: RTS-0002
CURRENT APPLICATION NUMBER: US/09/071,433A
CURRENT FILING DATE: 1998-05-01
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 81
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-071-433-81

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 2652 GCTGCAGCCACTCTCT 2669
Db 1 GGTGCAGCTCACTCTCT 18

RESULT 1338
US-09-276-993-7
Sequence 7, Application US/09276993
Patent No. 6207801
GENERAL INFORMATION:
APPLICANT: Alnemrl, Emed S.
APPLICANT: Fernandez-Alnemrl, Teresa
TITLE OF INVENTION: FAD-LIKES ANTI-APOPTOTIC MOLECULES, METHODS OF
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS
TITLE OF INVENTION: OF MAKING THE SAME
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6207801rls
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/276,993
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/859,167
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TUI-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-276-993-7

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 3599 AGCTAATCTCAACTCC 3616
Db 1 AGCTGCTCTCGAATCTC 18

RESULT 1339
US-08-487-761-9
Sequence 9, Application US/08487761
Patent No. 6217866
GENERAL INFORMATION:
APPLICANT: Schlessinger, Joseph
APPLICANT: Givol, David
APPLICANT: Bellot, Françoise
APPLICANT: Kris, Richard
APPLICANT: Ricca, George A.
APPLICANT: Cheadle, Christopher
APPLICANT: South, Victoria J.
TITLE OF INVENTION: Monoclonal Antibodies Specific to Human
TITLE OF INVENTION: Epidermal Growth Factor Receptor and Therapeutic Methods
TITLE OF INVENTION: Employing Same
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, 3043
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: System 7.1
SOFTWARE: Word 5.0 (Patentin)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,761
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/086,411
FILING DATE: 29-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Goodman, Rosanne
REGISTRATION NUMBER: 32,534
REFERENCE/DOCKET NUMBER: A0207C-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 454-3817
TELEFAX: (215) 454-3808
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-487-761-9

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 4172 TCCTCTGAATGATCC 4189
Db 1 TCCTCTAATAGATCC 18

RESULT 1340
US-09-156-856-1/C
Sequence 1, Application US/09156856A
Patent No. 6221591
GENERAL INFORMATION:
APPLICANT: Aerts, Johannes M.
TITLE OF INVENTION: Determination of a genetic risk factor for infection

;; TITLE OF INVENTION: and other diseases, and detection of activated
;; FILE REFERENCE: Sequence 1-20
;; Patent No. 6221591
;; CURRENT APPLICATION NUMBER: US/09/156,856A
;; CURRENT FILING DATE: 1998-09-18
;; NUMBER OF SEQ ID NOS: 20
;; SOFTWARE: Patentin Ver. 2.0
;; SEQ ID NO 1
;; LENGTH: 18
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-156-856-1

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1620 CTTGAGCTGCAGAGCT 1637
DB 18 CTTGCTTCAGATGCT 1

RESULT 1341
US-08-478-316-79/c
; Sequence 79, Application US/08478316
; Patent No. 6251397
; GENERAL INFORMATION:
; APPLICANT: PAUL, PREM S.
; APPLICANT: HALBUR, PATRICK G.
; APPLICANT: MENG, XIANG-JIN
; APPLICANT: MOROZOV, ISOR
; TITLE OF INVENTION: POLYNUCLEIC ACIDS ISOLATED FROM A PORCINE
; TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV), PROTEINS
; TITLE OF INVENTION: ENCODED BY THE POLYNUCLEIC ACIDS, VACCINES BASED ON THE
; TITLE OF INVENTION: PROTEINS AND/OR POLYNUCLEIC ACIDS, A METHOD OF PROTECTING A
; TITLE OF INVENTION: PIG FROM PRRS AND A METHOD OF DETECTING A PRRSV
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,316
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/301,435
; FILING DATE: 01-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/131,625
; FILING DATE: 05-OCT-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/969,071
; FILING DATE: 30-OCT-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Lavalleye, Jean-Paul M.P.
; REGISTRATION NUMBER: 31,451
; REFERENCE/DOCKET NUMBER: 4625-026-55X CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPRT UR
; INFORMATION FOR SEQ ID NO: 79:

;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: unknown
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid
;; DESCRIPTION: /desc = "synthetic DNA"
US-08-478-316-79

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1008 CTCGCCAGACATGATC 1025
DB 18 CTTCCGACATCAATGATC 1

RESULT 1342
US-09-632-580A-64/c
; Sequence 64, Application US/09632580A
; Patent No. 6255111
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-4 EXPRESSION
; FILE REFERENCE: RTS-0054
; CURRENT APPLICATION NUMBER: US/09/632,580A
; CURRENT FILING DATE: 2000-07-31
; NUMBER OF SEQ ID NOS: 93
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-632-580A-64

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2275 CTTTTCAGTCCAAATGAC 2292
DB 18 CTTCCGATCCAAATGAC 1

RESULT 1343
US-09-544-713-65
; Sequence 65, Application US/09544713
; Patent No. 6261782
; GENERAL INFORMATION:
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Feng, Li
; APPLICANT: Guerra, Cesar E.
; APPLICANT: Weber, Shane C.
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Fixed Address Analysis of Sequence Tags
; Patent No. 6261782
; FILE REFERENCE: YU 126
; CURRENT APPLICATION NUMBER: US/09/544,713
; CURRENT FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/127,932
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 65
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Ligase-detector
US-09-544-713-65

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4924 AACGATGGAAGCTTGAT 4941
DB 1 AACGATGGAAGCTTGAT 18

RESULT 1344

US-09-338-907-39/C
Sequence 39, Application US/09338907
Patent No. 6265546
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CPLCP
CURRENT APPLICATION NUMBER: US/09/338,907
EARLIER FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION NUMBER: 09/218,207
EARLIER FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
SEQ ID NO 39
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: misc-feature
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-123-PU
US-09-338-907-39

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4834 CCCTTGAGTCTGCTT 4851
DB 18 CCCTTGAGTCTGCTT 1

RESULT 1345

US-09-338-907-360/C
Sequence 360, Application US/09338907
Patent No. 6265546
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CPLCP
CURRENT APPLICATION NUMBER: US/09/338,907
EARLIER FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION NUMBER: 09/218,207
EARLIER FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578

SOFTWARE: Patent.pm
SEQ ID NO 360
LENGTH: 18
TYPE: DNA

ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: misc-feature
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer for SEQ 228, SEQ 305
US-09-338-907-360

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4834 CCCTTGAGTCTGCTT 4851
DB 18 CCCTTGAGTCTGCTT 1

RESULT 1346
US-09-472-880-9/C
Sequence 9, Application US/09472880
Patent No. 6274333
GENERAL INFORMATION:
APPLICANT: Daniel CAPUT
Pascal CHALON
Pascal FERRARA
Vita NATALIO

TITLE OF INVENTION: Type 2 Neurotensin Receptor
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSER: Jacobson, Price, Holman & Stern, PLLC
STREET: 400 Seventh Street
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (BPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/472,880
FILING DATE: 28-Dec-1999
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FR 9723204
FILING DATE: 17-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,049
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-472-880-9

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 705 TGGGAGGAGGCGGCTG 722
DB 18 TGGGAGGAGGCGGCTG 1

RESULT 1347

US-09-630-706-94
; Sequence 94, Application US/09630706
; Patent No. 6277640
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
; FILE REFERENCE: RTS-0053
; CURRENT APPLICATION NUMBER: US/09/630,706
; CURRENT FILING DATE: 2000-08-01
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 94
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-630-706-94

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 3637 CCATTGCTGAGATGCA 3654
Db 1 CAAAGTCTGAGATTACA 18

RESULT 1348
US-09-577-902-10/c
; Sequence 10, Application US/09577902
; Patent No. 6284538
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: ISPH-0463
; CURRENT APPLICATION NUMBER: US/09/577,902
; CURRENT FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/358,381
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: PCT/US99/29594,
; PRIOR FILING DATE: 1999-12-14
; NUMBER OF SEQ ID NOS: 51
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-577-902-10

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 3152 TCACGATGCTGAGCCA 3169
Db 18 TCTCGAAGCTGCAGCCA 1

RESULT 1349
US-09-514-422-4
; Sequence 4, Application US/09514422
; Patent No. 6291193
; GENERAL INFORMATION:
; APPLICANT: Khodadost, Mehran
; TITLE OF INVENTION: NOVEL MTBX PROTEIN AND NUCLEIC ACID MOLECULES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: MNT-046CP2
; CURRENT APPLICATION NUMBER: US/09/514,422
; CURRENT FILING DATE: 2000-02-28

PRIOR APPLICATION NUMBER: US/09/189,760
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: 09/163,116
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/089,467
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: (PENDING)
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-514-422-4

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1125 TCCTGGAGCCCAATGGCC 1142
Db 1 TCCTGAGTCCCACTGGCC 18

RESULT 1350
US-08-996-533-13
; Sequence 13, Application US/08996533
; Patent No. 6294657
; GENERAL INFORMATION:
; APPLICANT: Nagpal, Sunil
; APPLICANT: Disepio, Daniel
; APPLICANT: Chandraratna, Roshantha
; TITLE OF INVENTION: RETINOID INDUCED GENE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knodde, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/996,533
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/808,303
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel B
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: ALRGN.062A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; TELEX:
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-996-533-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3284 GCCCAGCTGAGAGC 3301
DB 1 GCGACGCTGAGAGC 18

RESULT 1351
US-09-521-144-34/C
; Sequence 34, Application US/09521144
; Patent No. 6306648
; GENERAL INFORMATION:
; APPLICANT: Lahel, Jill M.
; APPLICANT: Kidd, Vincent J.
; TITLE OF INVENTION: CYCLIN-C VARIANT, AND DIAGNOSTIC AND
; TITLE OF INVENTION: THERAPEUTIC USES THEREOF
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David A. Jackson, Esq.
; STREET: 411 Hackensack Ave, Continental Plaza, 4th
; STREET: Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/521.144
; FILING DATE: 08-MAR-2000
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/867,381
; FILING DATE: 02-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 1340-1-001 N
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotides C-28"
; HYPOTHEICAL: NO
; US-09-521-144-34

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4801 CTCGACGCTGAGATC 4818
DB 18 CTCGACGCTGAGATC 1

RESULT 1352
US-09-257-580-10
; Sequence 10, Application US/09257580
; Patent No. 6307036
; GENERAL INFORMATION:
; APPLICANT: Yorkshire Cancer Research
; TITLE OF INVENTION: Tumour Suppressor Gene
; FILE REFERENCE: Canine P53
; CURRENT APPLICATION NUMBER: US/09/257.580

; CURRENT FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: 9804178.3
; PRIOR FILING DATE: 1998-02-28
; NUMBER OF SEQ. ID NOS: 11
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: canis
; US-09-257-580-10

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1644 CTCGAGGTGAGTCT 1661
DB 1 CTCGAGGTGAGTCT 18

RESULT 1353
US-08-891-292A-24
; Sequence 24, Application US/08891292A
; Patent No. 6312892
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Luo, Jiansheng
; APPLICANT: Khanna, Marilyn
; TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
; TITLE OF INVENTION: LIGASE DETECTION REACTION
; FILE REFERENCE: 19603/457
; CURRENT APPLICATION NUMBER: US/08/891.292A
; CURRENT FILING DATE: 1997-07-10
; PRIOR APPLICATION NUMBER: 60/022.535
; PRIOR FILING DATE: 1996-07-19
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: Primer for
; OTHER INFORMATION: PCR or LDR
; US-08-891-292A-24

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4217 CCTGTGCTGCTGCTT 4234
DB 1 CCTGTGCTGCTGCTT 18

RESULT 1354
US-08-891-292A-39
; Sequence 39, Application US/08891292A
; Patent No. 6312892
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Luo, Jiansheng
; APPLICANT: Khanna, Marilyn
; APPLICANT: Bergstrom, Donald E.
; TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
; TITLE OF INVENTION: LIGASE DETECTION REACTION
; FILE REFERENCE: 19603/457
; CURRENT APPLICATION NUMBER: US/08/891.292A
; CURRENT FILING DATE: 1997-07-10
; PRIOR APPLICATION NUMBER: 60/022.535
; PRIOR FILING DATE: 1996-07-19
; NUMBER OF SEQ ID NOS: 96

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer for
; OTHER INFORMATION: PCR or LDR
US-08-891-292A-39

Query Match
Best Local Similarity 83.3%; DB 1; Length 18;
Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4217 CCTCTGTGTGTGTGCTTT 4234
Db 1 CGTCTGCGGTGTGCGCTT 18

RESULT 1355
US-09-302-620B-18/c
; Sequence 18, Application US/09302620B
; Patent No. 6331420
; GENERAL INFORMATION:
; APPLICANT: Wilson, C. Ron
; APPLICANT: Craft, David L.
; APPLICANT: Birch, Dudley
; APPLICANT: Bahoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME P450
; TITLE OF INVENTION: OXIDOREDUCTASE GENES AND PROTEINS RELATED TO THE OMEGA
; TITLE OF INVENTION: HYDROXYLASE COMPLEX OF CANDIDA TROPICALIS AND METHODS
; TITLE OF INVENTION: RELATING THERETO
; FILE REFERENCE: 1010-16.seq
; CURRENT APPLICATION NUMBER: US/09/302,620B
; CURRENT FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-302-620B-18

Query Match
Best Local Similarity 83.3%; DB 1; Length 18;
Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5409 GAAAAAATGAATATGAG 5426
Db 18 GAAGAATGATTAATACG 1

RESULT 1356
US-09-651-656-62/c
; Sequence 62, Application US/09651656
; Patent No. 6340566
; GENERAL INFORMATION:
; APPLICANT: MCCUTHEN-MALONEY, SANDRA
; APPLICANT: LAWRENCE LIVERMORE NATIONAL LABORATORY
; TITLE OF INVENTION: DETECTION AND QUANTITATION OF SINGLE NUCLEOTIDE
; TITLE OF INVENTION: POLYMORPHISMS, DNA SEQUENCE VARIATIONS, DNA MUTATIONS,
; TITLE OF INVENTION: DNA DAMAGE AND DNA MISMATCHES
; FILE REFERENCE: IL-10689
; CURRENT APPLICATION NUMBER: US/09/651,656
; CURRENT FILING DATE: 2000-08-29
```

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; PRIOR APPLICATION NUMBER: 60/192,764
; PRIOR FILING DATE: 2000-03-28
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 62
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PCR Primer
US-09-651-656-62

Query Match
Best Local Similarity 83.3%; DB 1; Length 18;
Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4550 AGCAGCTGATAGCCCGAG 4567
Db 18 AGCACTGAGAGCTCGAG 1

RESULT 1357
US-09-651-656-64/c
; Sequence 64, Application US/09651656
; Patent No. 6340566
; GENERAL INFORMATION:
; APPLICANT: MCCUTHEN-MALONEY, SANDRA
; APPLICANT: LAWRENCE LIVERMORE NATIONAL LABORATORY
; TITLE OF INVENTION: DETECTION AND QUANTITATION OF SINGLE NUCLEOTIDE
; TITLE OF INVENTION: POLYMORPHISMS, DNA SEQUENCE VARIATIONS, DNA MUTATIONS,
; TITLE OF INVENTION: DNA DAMAGE AND DNA MISMATCHES
; FILE REFERENCE: IL-10689
; CURRENT APPLICATION NUMBER: US/09/651,656
; CURRENT FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/192,764
; PRIOR FILING DATE: 2000-03-28
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PCR Primer
US-09-651-656-64

Query Match
Best Local Similarity 83.3%; DB 1; Length 18;
Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4550 AGCAGCTGATAGCCCGAG 4567
Db 18 AGCACTGAGAGCTCGAG 1

RESULT 1358
US-09-133-411-13/c
; Sequence 13, Application US/09133411
; Patent No. 6342383
; GENERAL INFORMATION:
; APPLICANT: HEVIE PERON
; APPLICANT: FRANCOIS MALLET
; APPLICANT: BERNARD MANDRAND
; APPLICANT: FREDERIC BEDIN
; APPLICANT: FREDERIC BESEME
; TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
; TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOLI
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria
```

STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/133,411
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/384,137
FILING DATE: February 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-133-411-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCTGCACTTCCTGATGC 2116
Db 18 CGTGCAGTTCGGGATGC 1

RESULT 1359
US-09-133-411-15/c
Sequence 15, Application US/09133411
Patent No. 6342383
GENERAL INFORMATION:
APPLICANT: Herve PERRON
APPLICANT: Francois MALLET
APPLICANT: Bernard MANDRAND
APPLICANT: Frederic BEDIN
APPLICANT: Frederic BESME
TITLE OF INVENTION: MERV1 VIRUS AND MERV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL
NUMBER OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/133,411
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/384,137
FILING DATE: February 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.

REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-133-411-15

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCTGCACTTCCTGATGC 2116
Db 18 CGTGCAGTTCGGGATGC 1

RESULT 1360
US-09-133-411-28/c
Sequence 28, Application US/09133411
Patent No. 6342383
GENERAL INFORMATION:
APPLICANT: Herve PERRON
APPLICANT: Francois MALLET
APPLICANT: Bernard MANDRAND
APPLICANT: Frederic BEDIN
APPLICANT: Frederic BESME
TITLE OF INVENTION: MERV1 VIRUS AND MERV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL
NUMBER OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/133,411
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/384,137
FILING DATE: February 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-133-411-28

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;

	Matches	15, Conservative	0; Mismatches	3; Indels	0; Gaps	0;
Qy	2099	CGTGCAGTGGCGGATGC	2116			
Db	18	CGTGCAGTGGCGGATGC	1			

```

RESULT 1361
US-09-218-207-39/c
; Sequence 39, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumentfeld, Marta
; APPLICANT: Ilya, Chunnakov
; APPLICANT: Bouquelerele, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent .pm
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc-feature
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-123-FU
US-09-218-207-39

```

Query Match	0.2%	Score 13.2;	DB 1;	Length 18;
Best Match Similarity	83.3%	Pred. No. 7.9e+02;		
Best Local Similarity	0;	Mismatches 3;	Indels 0;	Gaps 0;
Matches 15;	Conservative			

Oy	4834	CCCTGAGTCCTGGCTTT	4851
Db	18	CCCTTCTAGTCCTGGCTTT	1

```

RESULT 1362
US-09-218-207-360/c
; Sequence 360, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CPI
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 360
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer for SEQ 228, SEQ 305
US-09-218-207-360

```

Query Match	0.2%	Score 13.2;	DB 1;	Length 18;
Best Local Similarity	83.3%	Pred. No. 7.9e+02;		
Matches	15;	Conservative	0;	Mismatches 3;
				Indels 0;
				Gaps 0;
QY	4834	CCCTTAGCTCTGCGCTT	4851	
	18	CCCTTCTAGCTCTGCGCTT	1	

```

RESULT 13637-740-6/c
US-09-357-740-6/c
: Sequence 6, Application US/09357740
: Patent No. 6348596
:
GENERAL INFORMATION:
:
APPLICANT: Lee, Linda G.
APPLICANT: Graham, Ronald J.
APPLICANT: Mullah, Khairuzzaman B.
APPLICANT: Haxo, Francis T.
:
TITLE OF INVENTION: ASYMMETRIC CYANINE DYE QUENCHERS
:
FILE REFERENCE: 9584-007
:
CURRENT APPLICATION NUMBER: US/09/357,740
:
CURRENT FILING DATE: 1999-07-20
:
EARLIER APPLICATION NUMBER: 09/012,525
:
EARLIER FILING DATE: 1998-01-23
:
NUMBER OF SEQ ID NOS: 22
:
SOFTWARE: PatentIn Ver. 2.0
:
SEQ ID NO 6
:
LENGTH: 18
:
TYPE: DNA
:
ORGANISM: Artificial Sequence
:
FEATURES:
:
OTHER INFORMATION: Description of Artificial Sequence: Primer
:
US-09-357-740-6

```

Query Match	0.24	Score 13.2	DB 1	Length 18
Best Local Similarity	83.3%	Pred. No. 7.9e+02		
Matches 15	Conservative 0	Mismatches 3	Indels 0	Gaps 0

Qy 4646 AGAACACGAGGCCACGCC 4663
Db 18 AGAAGACGGGGACCCAGCC 1

RESULT 1364
 US-09-026-601-18
 Sequence 18, Application US/09026601
 Patent No. 6358680
 GENERAL INFORMATION:
 APPLICANT: Beck, James J.
 TITLE OF INVENTION: Detection of Wheat and Barley Fungal
 TITLE OF INVENTION: Pathogens Using the Polymerase Chain Reaction
 NUMBER OF SEQUENCES: 41
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: No. 6358680artis Corporation
 STREET: 3054 Cornwallis Road
 CITY: Research Triangle Park
 STATE: No. 6358680th Carolina
 COUNTRY: USA
 ZIP: 27709
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/026,601
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Meigs, J. Timothy
 REGISTRATION NUMBER: 38,241
 REFERENCE/DOCKET NUMBER: CGC 1964

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-541-8587
; TELEFAX: 919-541-8689
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: other nucleic acid
;   DESCRIPTION: /desc = "Primer JB652"
;
US-09-026-601-18

Query Match
Best Local Similarity 83.3%; Score 13.2; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3018 GAGAGCGCTGCTGCTGCT 3035
Db 1 GATAGGCGCTGCTGCTGCT 18

RESULT 1365
US-09-650-855-62/c
; Sequence 62, Application US/09650855
; Patent No. 6365355
; GENERAL INFORMATION:
; APPLICANT: MCCUTHEN-MALONEY, SANDRA
; TITLE OF INVENTION: LAWRENCE LIVERMORE NATIONAL LABORATORY
; TITLE OF INVENTION: CHIMERIC PROTEINS FOR DETECTION AND QUANTITATION OF DNA
; TITLE OF INVENTION: MUTATIONS, DNA SEQUENCE VARIATIONS, DNA DAMAGE AND DNA
; FILE REFERENCE: IL-10284
; CURRENT APPLICATION NUMBER: US/09/650,855
; PRIOR FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/192,764
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 62
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
;
US-09-650-855-62

Query Match
Best Local Similarity 0.2%; Score 13.2; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4550 AGCAGCTGATAGCCCGAG 4567
Db 18 AGCACTGAGAGCTCGAG 1

RESULT 1366
US-09-650-855-64/c
; Sequence 64, Application US/09650855
; Patent No. 6365355
; GENERAL INFORMATION:
; APPLICANT: MCCUTHEN-MALONEY, SANDRA
; TITLE OF INVENTION: LAWRENCE LIVERMORE NATIONAL LABORATORY
; TITLE OF INVENTION: CHIMERIC PROTEINS FOR DETECTION AND QUANTITATION OF DNA
; TITLE OF INVENTION: MUTATIONS, DNA SEQUENCE VARIATIONS, DNA DAMAGE AND DNA
; FILE REFERENCE: IL-10284
; CURRENT APPLICATION NUMBER: US/09/650,855
; PRIOR FILING DATE: 2000-08-29
; PRIOR APPLICATION NUMBER: 60/192,764
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: PatentIn Ver. 2.1
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; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
;
US-09-650-855-64

Query Match
Best Local Similarity 83.3%; Score 13.2; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4550 AGCAGCTGATAGCCCGAG 4567
Db 18 AGCACTGAGAGCTCGAG 1

RESULT 1367
US-09-205-995-48
; Sequence 48, Application US/09205995
; Patent No. 6368855
; GENERAL INFORMATION:
; APPLICANT: XU, Minzhen
; APPLICANT: Qiu, Gang
; APPLICANT: Humphreys, Robert
; TITLE OF INVENTION: CANCER CELL VACCINE
; FILE REFERENCE: U.S. Application 09/205,995, (CIP)
; CURRENT APPLICATION NUMBER: US/09/205,995
; CURRENT FILING DATE: 1998-12-04
; PRIOR APPLICATION NUMBER: 09/036,746
; PRIOR FILING DATE: 1998-03-09
; PRIOR APPLICATION NUMBER: 08/661,627
; PRIOR FILING DATE: 1996-06-11
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antiserum
; OTHER INFORMATION: oligonucleotide corresponding to a specific region
; OTHER INFORMATION: of the mouse H gene.
;
US-09-205-995-48

Query Match
Best Local Similarity 0.2%; Score 13.2; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCTG 2658
Db 1 CTGCTGCTGTTGCTGCTG 18

RESULT 1368
US-09-205-995-61
; Sequence 61, Application US/09205995
; Patent No. 6368855
; GENERAL INFORMATION:
; APPLICANT: XU, Minzhen
; APPLICANT: Qiu, Gang
; APPLICANT: Humphreys, Robert
; TITLE OF INVENTION: CANCER CELL VACCINE
; FILE REFERENCE: U.S. Application 09/205,995, (CIP)
; CURRENT APPLICATION NUMBER: US/09/205,995
; CURRENT FILING DATE: 1998-12-04
; PRIOR APPLICATION NUMBER: 09/036,746
; PRIOR FILING DATE: 1998-03-09
; PRIOR APPLICATION NUMBER: 08/661,627
; PRIOR FILING DATE: 1996-06-11
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 61
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; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; OTHER INFORMATION: oligonucleotide corresponding to a specific region
US-09-205-995-61

Query Match
  0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4026 CTTTGTCCTCTCCAGG 4043
Db 1 CTTTGTCCTCTCTAGGG 18

RESULT 1369
US-09-019-793A-79/c
; Sequence 79, Application US/09019793A
; Patent No. 6380376
; GENERAL INFORMATION:
; APPLICANT: PAUL, Prem
; APPLICANT: MENG, Xiang-jin
; APPLICANT: MOROZOV, Igor
; TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
; TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV)
; FILE REFERENCE: 4625-0039-55X CIP
; CURRENT APPLICATION NUMBER: US/09/019,793A
; CURRENT FILING DATE: 1998-02-06
; PRIOR APPLICATION NUMBER: 08/478,316
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 08/301,435
; PRIOR FILING DATE: 1994-09-01
; PRIOR APPLICATION NUMBER: 08/131,625
; PRIOR FILING DATE: 1993-10-05
; PRIOR APPLICATION NUMBER: 07/969,071
; PRIOR FILING DATE: 1992-10-30
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 79
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-019-793A-79

Query Match
  0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1008 CTCGCCAGACCATGTC 1025
Db 18 CTTTCAGACCATCATGTC 1

RESULT 1370
US-09-637-751A-7/c
; Sequence 7, Application US/09637751A
; Patent No. 6383754
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew R.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; Patent No. 6383754
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/637,751A
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; CURRENT FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-637-751A-7

Query Match
  0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5391 TTAATAATACAAAAA 5408
Db 18 TGAATAATACAAAAA 1

RESULT 1371
US-09-856-074B-35/c
; Sequence 35, Application US/09856074B
; Patent No. 6395545
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-ALPHA EXPRESSION
; FILE REFERENCE: RSP-0117
; CURRENT APPLICATION NUMBER: US/09/856,074B
; CURRENT FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US/09/197,360
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: US/09/856,074
; PRIOR FILING DATE: 2001-05-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 35
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-856-074B-35

Query Match
  0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 436 GGCMAAGCAGCATGT 453
Db 18 GACMAAGCAGCATGT 1

RESULT 1372
US-09-167-109-167/c
; Sequence 167, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowert, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 167
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
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US-09-167-109-167

Query Match 0.24; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4678 TTCAGCTTGAGCCAGTCC 4695

Db 18 TCACATCTTCAGCCAGTCC 1

RESULT 1373

US-09-545-225-9/c

Sequence 9, Application US/09545225

Patent No. 6410321

GENERAL INFORMATION:

APPLICANT: Lin, Ching-I Patsy
Wallace, Robert Bruce
Cosman, Jeffrey

TITLE OF INVENTION: Lyophilization of Cultured Human Cells

TO Preserve RNA and DNA

NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:

ADDRESS: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/545,225

FILING DATE: 07-Apr-2000

CLASSIFICATION: <Unknown>

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: US 08/884,029

FILING DATE: 27-JUN-1997

ATTORNEY/AGENT INFORMATION:

NAME: Parent, Annette S.

REGISTRATION NUMBER: 42,058

REFERENCE/DOCKET NUMBER: 025588-059100US

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

FEATURE:

NAME/KEY: modified_base

LOCATION: 13..18

OTHER INFORMATION: /mod bases OTHER

/note= "t at positions 13-18 may be

present or absent"

SEQUENCE DESCRIPTION: SEQ ID NO: 9:

US-09-545-225-9

Query Match 0.24; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATACAAAAAGAAAAA 5415

Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 1374

US-09-619-103-24

Sequence 24, Application US/09619103

Patent No. 6429300

GENERAL INFORMATION:

APPLICANT: Kurtz, Markus

APPLICANT: Lohse, Peter

APPLICANT: Wagner, Richard

TITLE OF INVENTION: Peptide Acceptor Ligation Methods

FILE REFERENCE: 50036/031002

CURRENT APPLICATION NUMBER: US/09/619,103

CURRENT FILING DATE: 2000-07-19

PRIOR APPLICATION NUMBER: 60/145,834

PRIOR FILING DATE: 1999-07-27

NUMBER OF SEQ ID NOS: 26

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 24

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: designed sequence for nucleic acid purification

US-09-619-103-24

Query Match 0.24; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATACAAAAAGAAAAA 5415

Db 1 AAAAAAAAAAAAAAAAAA 18

RESULT 1375

US-08-275-951-32/c

Sequence 32, Application US/08275951

Patent No. 6451968

GENERAL INFORMATION:

APPLICANT: Egholm, Michael

APPLICANT: Kiely, John

APPLICANT: Griffin, Michael

APPLICANT: Coull, James M.

APPLICANT: Nielsen, Peter

APPLICANT: Buchardt, Ole

APPLICANT: Dueholm, Kim L.

APPLICANT: Christensen, Leif

TITLE OF INVENTION: Linked Peptide Nucleic Acids

FILE REFERENCE: IS151577

CURRENT APPLICATION NUMBER: US/08/275,951

CURRENT FILING DATE: 1994-07-15

PRIOR APPLICATION NUMBER: 08/108,591

PRIOR FILING DATE: 1993-11-22

PRIOR APPLICATION NUMBER: 08/088,658

PRIOR FILING DATE: 1993-07-02

PRIOR APPLICATION NUMBER: 08/088,661

PRIOR FILING DATE: 1993-07-02

PRIOR APPLICATION NUMBER: PCT/EP92/01219

PRIOR FILING DATE: 1992-05-22

PRIOR APPLICATION NUMBER: 986/91

PRIOR FILING DATE: 1991-05-22

PRIOR APPLICATION NUMBER: 987/91

PRIOR FILING DATE: 1991-05-24

PRIOR APPLICATION NUMBER: 510/92

PRIOR FILING DATE: 1991-04-15

NUMBER OF SEQ ID NOS: 65

SOFTWARE: Patent Ver. 2.1

SEQ ID NO 32

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence

NAME/KEY: misc_feature
LOCATION: (9)..(10)
OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
OTHER INFORMATION: Hexanoic Acid, Lysine linkage
US-08-275-951-32

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAATCAAAAAGAAA 5413
DB 18 AAAAGAAAAAACAATA 1

RESULT 1376
US-09-531-000-29/C
Sequence 29, Application US/09531000
Patent No. 6461810
GENERAL INFORMATION:
APPLICANT: JOHNSON, Marion D.
APPLICANT: FRESCO, Jacques R.
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
FILE REFERENCE: 2448-103
CURRENT APPLICATION NUMBER: US/09/531,000
CURRENT FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: PCT/US98/23765
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: 60/064,997
PRIOR FILING DATE: 1997-11-10
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 29
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target
US-09-531-000-29

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2122 ATGAGCGAAGGAAAA 2139
DB 18 ATGAGCGAAGGAGAAA 1

RESULT 1377
US-09-322-409-17
Sequence 17, Application US/09322409
Patent No. 6471957
GENERAL INFORMATION:
APPLICANT: Sim, Gek-Kee
APPLICANT: Yang, Shumin
APPLICANT: Dreitz, Matthew J.
APPLICANT: Wondertling, Ramani S.
TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC
TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
FILE REFERENCE: IM-2-C1
CURRENT APPLICATION NUMBER: US/09/322,409
CURRENT FILING DATE: 1999-05-28
EARLIER APPLICATION NUMBER: 60/087,306
EARLIER FILING DATE: 1998-05-23
NUMBER OF SEQ ID NOS: 154
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Primer
US-09-322-409-17

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 TGGCATGAGGTGGCCTC 686
DB 1 TGGCAAGGAGGTGGCCTC 18

RESULT 1378
US-09-451-527-17
Sequence 17, Application US/09451527
Patent No. 6482403
GENERAL INFORMATION:
APPLICANT: Sim, Gek-Kee
APPLICANT: Yang, Shumin
APPLICANT: Dreitz, Matthew J.
APPLICANT: Wondertling, Ramani S.
TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC
TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
FILE REFERENCE: IM-2-C2
CURRENT APPLICATION NUMBER: US/09/451,527
CURRENT FILING DATE: 1999-12-01
EARLIER APPLICATION NUMBER: 09/322,409
EARLIER FILING DATE: 1999-05-28
EARLIER APPLICATION NUMBER: 60/087,306
EARLIER FILING DATE: 1998-05-23
NUMBER OF SEQ ID NOS: 174
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-451-527-17

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 TGGCATGAGGTGGCCTC 686
DB 1 TGGCAAGGAGGTGGCCTC 18

RESULT 1379
US-09-431-385-19/C
Sequence 19, Application US/09431385
Patent No. 6485906
GENERAL INFORMATION:
APPLICANT: Meyer, Rich
TITLE OF INVENTION: OLIGONUCLEOTIDES CONTAINING
TITLE OF INVENTION: PYRAZOLO[3,4-D]PYRIMIDINES FOR HYBRIDIZATION AND
TITLE OF INVENTION: MISMATCH DISCRIMINATION
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b

```
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/431,385
; FILING DATE: 1999-NOV-01
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/054,830
; FILING DATE: 1998-APR-03
; ATTORNEY/AGENT INFORMATION:
; NAME: Brennan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20005.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-09-431-385-19
;
Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      1073 GGAGCTGGGATCCCCAC 1090
Db      18 GCAGCTCGGAACCCAC 1

RESULT 1380
; US-09-920-760-19
; Sequence 19, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
; US-09-920-760-19
;
Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      793 GGCCACTCTCCTCATTC 810
Db      1 GGGCCCTCTCCCTCTGC 18

RESULT 1381
; US-09-920-760-35
; Sequence 35, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 35
; LENGTH: 18
```

```
;
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
; US-09-920-760-35
;
Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2212 TTGGAGCCCCGCTCAGA 2229
Db      1 TCGGAGCCCGACCAAGA 18

RESULT 1382
; US-09-077-619-30
; Sequence 30, Application US/09077619
; Patent No. 6500614
; GENERAL INFORMATION:
; APPLICANT: ARGUELLO, Rafael
; APPLICANT: AVAKIAN, Hovanes
; APPLICANT: MAURIGAL, Alejandro
; TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE
; FILE REFERENCE: 028979/0104
; CURRENT APPLICATION NUMBER: US/09/077,619
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/GB96/02959
; PRIOR FILING DATE: 1996-11-29
; PRIOR APPLICATION NUMBER: GB 9524381.2
; PRIOR FILING DATE: 1995-11-29
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 30
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
;
; US-09-077-619-30
;
Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2148 GACTTCCAGACGACAC 2165
Db      1 GATCTCCAGACCAAC 18

RESULT 1383
; US-09-280-030-28/C
; Sequence 28, Application US/09280030A
; Patent No. 6506595
; GENERAL INFORMATION:
; APPLICANT: Sato, Seiji
; APPLICANT: Higashikuni, Naohiko
; APPLICANT: Kudo, Toshiyuki
; APPLICANT: Kondo, Masaki
; TITLE OF INVENTION: DNAS ENCODING NEW FUSION PROTEINS AND PROCESSES FOR THE
; TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
; FILE REFERENCE: 382.1026
; CURRENT APPLICATION NUMBER: US/09/280,030A
; CURRENT FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: JP10-87339/1998
; EARLIER FILING DATE: 1998-03-31
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designated is
```

```
; OTHER INFORMATION: a reverse primer for PCR amplification of
; OTHER INFORMATION: MPPSP-MPPMP5 DNA
US-09-280-030-28

Query Match
Best Local Similarity 83.3%; Pred. No. 7.9e+02; Length 18;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 GCAGCAGATGAGCGGAA 2132
18 GCAGCAGAGAGAGCAGCA 1

RESULT 1384
US-09-319-588C-55/c
; Sequence 55, Application US/09319588C
; Patent No. 6509018
; GENERAL INFORMATION:
; APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSERM
; APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS
; APPLICANT: INSTITUT PASTEUR
; APPLICANT: MAUCIERE, Philippe
; APPLICANT: LOUSSET-AJAKA, Ibtissam
; APPLICANT: SIMON, Francois
; APPLICANT: SARAGOSTI, Sentob
; APPLICANT: BARRE-SINOUSSE, Francoise
; TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS.
; FILE REFERENCE: 598US12
; CURRENT APPLICATION NUMBER: US/09/319,588C
; CURRENT FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: FR96/15087
; PRIOR FILING DATE: 1996-12-09
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-319-588C-55

Query Match
Best Local Similarity 83.3%; Pred. No. 7.9e+02; Length 18;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2845 CACAGATCAACATGAGC 2862
18 CATATGTCACATGAGC 1

Db 18 CATATGTCACATGAGC 1

RESULT 1385
US-09-319-588C-76/c
; Sequence 76, Application US/09319588C
; Patent No. 6509018
; GENERAL INFORMATION:
; APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSERM
; APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS
; APPLICANT: INSTITUT PASTEUR
; APPLICANT: MAUCIERE, Philippe
; APPLICANT: LOUSSET-AJAKA, Ibtissam
; APPLICANT: SIMON, Francois
; APPLICANT: SARAGOSTI, Sentob
; APPLICANT: BARRE-SINOUSSE, Francoise
; TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS.
; FILE REFERENCE: 598US12
; CURRENT APPLICATION NUMBER: US/09/319,588C
; CURRENT FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: FR96/15087
; PRIOR FILING DATE: 1996-12-09
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 76 (corresponds to LSI AS1.1 ltr of Figure 1)
```

```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-319-588C-76

Query Match
Best Local Similarity 83.3%; Pred. No. 7.9e+02; Length 18;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2845 CACAGATCAACATGAGC 2862
18 CATATGTCACATGAGC 1

Db 18 CATATGTCACATGAGC 1

RESULT 1386
US-09-422-978-5800
; Sequence 5800, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5800
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-6989 for SEQ 1866,
US-09-422-978-5800

Query Match
Best Local Similarity 83.3%; Pred. No. 7.9e+02; Length 18;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2791 TGCATTAAATTCAGCGC 2808
18 TGCATTAAATTCAGCAGC 18

Db 18 TGCATTAAATTCAGCAGC 18

RESULT 1387
US-09-422-978-5872/c
; Sequence 5872, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
```

```
; SEQ ID NO 5872
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-7454 for SEQ 1938,
US-09-422-978-5872

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      3700 CCTCTCTGCTGCTCA 3717
Db      18 CCTCTCTTACCTCTCA 1

RESULT 1388
US-09-422-978-6975
; Sequence 6975, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6975
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-21810 for SEQ 3041,
US-09-422-978-6975

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      3446 AGCAGAGAACTCAGC 3463
Db      1 AGCAGACAATCTGAGC 18

RESULT 1389
US-09-422-978-7557/c
; Sequence 7557, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
```

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; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7557
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-7886 for SEQ 3623,
US-09-422-978-7557

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      1193 GAGAGAAATCGAGAAAG 1210
Db      18 GAGAGAGCGAGAGAAAG 1

RESULT 1390
US-09-422-978-7598/c
; Sequence 7598, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7598
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-9343 for SEQ 3664,
US-09-422-978-7598

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      460 CTGCGTATACCTCTCAC 477
Db      18 CTACTGATACCTTCTCAC 1

RESULT 1391
US-09-422-978-7849/c
; Sequence 7849, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
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; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7849
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-123 for SEQ 3915,
US-09-422-978-7849

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4834 CCCTTGAGTCCTGCTTT 4851
Db      18 CCTTCTAGTCTCTGCTTT 1

RESULT 1392
US-09-422-978-8202/C
; Sequence 8202, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8202
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-14343 for SEQ 337, in compleme
US-09-422-978-8202

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4916 CAGCACTAAGTATGGA 4933
Db      18 CAGCACTAAGTAAAGA 1

RESULT 1393
US-09-422-978-8642/C
; Sequence 8642, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
```

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; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8642
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-17180 for SEQ 777, in compleme
US-09-422-978-8642

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1191 GAGAGAAATCAGAGA 1208
Db      18 GAGAGAAACCCAGAA 1

RESULT 1394
US-09-422-978-9179/C
; Sequence 9179, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9179
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-2275 for SEQ 1314, in compleme
US-09-422-978-9179

Query Match          0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4869 GTCTCAGTTCTTCTCT 4886
Db      18 GGCTCTGTTCTTCTCT 1

RESULT 1395
US-09-422-978-9471/C
; Sequence 9471, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
```

```
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 9471
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-5101 for SEQ 1606, in compleme
US-09-422-978-9471
```

```
Query Match          0.2% Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 564 CCTCTGAAGAAGAGCGA 581
DB 18 GTGCTGAAGAAGAAAGCA 1
```

```
RESULT 1396
US-09-927-737C-24
Sequence 24, Application US/09927737C
Patent No. 6576453
GENERAL INFORMATION:
APPLICANT: Barany, Francis
APPLICANT: Luo, Jianying
APPLICANT: Khanna, Marilyn
APPLICANT: Bergstrom, Donald E.
TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
FILE REFERENCE: 19603/459
CURRENT APPLICATION NUMBER: US/09/927,737C
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/022,535
PRIOR FILING DATE: 1996-07-19
PRIOR APPLICATION NUMBER: 08/891,292
PRIOR FILING DATE: 1997-07-19
NUMBER OF SEQ ID NOS: 97
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 24
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Description of Artificial Sequence: Primer for
OTHER INFORMATION: PCR or LDR
US-09-927-737C-24
```

```
Query Match          0.2% Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 4217 CCTCTGAGTGTGCTTT 4234
DB 1 CGTCTGCGGTGTGCGTT 18
```

```
RESULT 1397
US-09-927-737C-39
Sequence 39, Application US/09927737C
Patent No. 6576453
```

```
GENERAL INFORMATION:
APPLICANT: Barany, Francis
APPLICANT: Luo, Jianying
APPLICANT: Khanna, Marilyn
APPLICANT: Bergstrom, Donald E.
TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
FILE REFERENCE: 19603/459
CURRENT APPLICATION NUMBER: US/09/927,737C
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/022,535
PRIOR FILING DATE: 1996-07-19
PRIOR APPLICATION NUMBER: 08/891,292
PRIOR FILING DATE: 1997-07-19
NUMBER OF SEQ ID NOS: 97
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 39
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Description of Artificial Sequence: Primer for
OTHER INFORMATION: PCR or LDR
US-09-927-737C-39
```

```
Query Match          0.2% Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 4217 CCTCTGAGTGTGCTTT 4234
DB 1 CGTCTGCGGTGTGCGTT 18
```

```
RESULT 1398
US-09-723-450-7
Sequence 7, Application US/09723450
Patent No. 6576751
GENERAL INFORMATION:
APPLICANT: Alnemri, Emad S.
TITLE OF INVENTION: Fadd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, And
FILE REFERENCE: TUD2445
CURRENT APPLICATION NUMBER: US/09/723,450
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: 09/276,993
PRIOR FILING DATE: 1999-03-26
PRIOR APPLICATION NUMBER: 08/859,167
PRIOR FILING DATE: 1997-05-20
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: No. 6576751el Sequence
US-09-723-450-7
```

```
Query Match          0.2% Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 3599 AGGCTAATCTCAACTCC 3616
DB 1 AGGCTGCTCTCAACTCC 18
```

```
RESULT 1399
US-09-374-766-13/c
Sequence 13, Application US/09374766
Patent No. 6579526
```

GENERAL INFORMATION:
APPLICANT: Hervé PERRON
APPLICANT: Frédéric BESSEME
APPLICANT: Frédéric BEDIN
APPLICANT: Glauca PARANHOS-BACCALA
APPLICANT: Florence KOMURIAN-PRADEL
APPLICANT: Colette JOLIVET
APPLICANT: Bernard MANDRAND
TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACTIC
NUMBER OF SEQUENCES: 92
CORRESPONDENCE ADDRESSES:
ADDRESSER: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/374,766
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/691,563
FILING DATE: 02-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 38588
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleotide
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-374-766-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2099 CCTGCACCTTGCCTGATGC 2116
DB 18 CGTGCAGTTGCCGATGC 1

RESULT 1400
US-09-374-766-15/c
Sequence 15, Application US/09374766
Patent No. 6579526
GENERAL INFORMATION:
APPLICANT: Hervé PERRON
APPLICANT: Frédéric BESSEME
APPLICANT: Frédéric BEDIN
APPLICANT: Glauca PARANHOS-BACCALA
APPLICANT: Florence KOMURIAN-PRADEL
APPLICANT: Colette JOLIVET
APPLICANT: Bernard MANDRAND
TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACTIC
NUMBER OF SEQUENCES: 92
CORRESPONDENCE ADDRESSES:
ADDRESSER: Oliff & Berridge

STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/374,766
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/691,563
FILING DATE: 02-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 38588
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleotide
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-374-766-15

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2099 CCTGCACCTTGCCTGATGC 2116
DB 18 CGTGCAGTTGCCGATGC 1

RESULT 1401
US-09-374-766-28/c
Sequence 28, Application US/09374766
Patent No. 6579526
GENERAL INFORMATION:
APPLICANT: Hervé PERRON
APPLICANT: Frédéric BESSEME
APPLICANT: Frédéric BEDIN
APPLICANT: Glauca PARANHOS-BACCALA
APPLICANT: Florence KOMURIAN-PRADEL
APPLICANT: Colette JOLIVET
APPLICANT: Bernard MANDRAND
TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACTIC
NUMBER OF SEQUENCES: 92
CORRESPONDENCE ADDRESSES:
ADDRESSER: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/374,766
FILING DATE:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/691,563
FILING DATE: 02-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 38588
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleotide
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-374-766-28

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCGCAGCTGCGCGATGC 2116
DB 18 CCGCAGCTGCGCGATGC 1

RESULT 1402
US-08-979-847B-13/C
Sequence 13, Application US/08979847B
Patent No. 6582703
GENERAL INFORMATION:
APPLICANT: PERON, HERVE
BESME, FREDERIC
BEDIN, FREDERIC
PARANHOS-BACCALA, GLAUCIA
KOMURIAN-PRADEL, FLORENCE
JOLIVET-REYNAUD, COLETTE
MANDRAND, BERNARD
GARSON, JEREMY
TUBE, PHILIP
TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYL
THERAPEUTIC PURPOSES
NUMBER OF SEQUENCES: 210
CORRESPONDENCE ADDRESS:
ADDRESSEE: OLIVIER & BERTRIDGE, PLC
STREET: P.O. BOX 19928
CITY: ALEXANDRIA
STATE: VA
COUNTRY: USA
ZIP: 22320
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/979,847B
FILING DATE: 26-NOV-1997
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: BERTRIDGE, WILLIAM P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 39046A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleotide
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-08-979-847B-13

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2099 CCGCAGCTGCGCGATGC 2116
DB 18 CCGCAGCTGCGCGATGC 1

RESULT 1403
US-09-585-174-25
Sequence 25, Application US/09585174
Patent No. 6586229
GENERAL INFORMATION:
APPLICANT: Ben-Bassat, Arle
APPLICANT: Catermole, Monica
APPLICANT: Gatenby, Anthony A.
APPLICANT: Gibson, Katherine J.
APPLICANT: Ramos-Gonzalez, Isabel
APPLICANT: Ramos, Juan
APPLICANT: Sarisastani, Sima
TITLE OF INVENTION: Method for the Production of p-Hydroxybenzoate in Species of
TITLE OF INVENTION: Pseudomonas and Agrobacterium
FILE REFERENCE: BC1018 US NA
CURRENT APPLICATION NUMBER: US/09/585,174
CURRENT FILING DATE: 2000-06-01
NUMBER OF SEQ ID NOS: 112
SOFTWARE: Microsoft Office 97
SEQ ID NO 25
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-585-174-25

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1894 GCTCGACACAGCTCTG 1911
DB 1 GCTCGACACACAGCTG 18

RESULT 1404
US-09-693-011-7/C
Sequence 7, Application US/09693011
Patent No. 6632978
GENERAL INFORMATION:
APPLICANT: Kaslin, Edgar
APPLICANT: Luyten, Marcel
APPLICANT: Zewes, Hans-Gunter
TITLE OF INVENTION: Transgenic Animals For Studying
TITLE OF INVENTION: Regulation Of Genes
FILE REFERENCE: 4-31176A
CURRENT APPLICATION NUMBER: US/09/693,011
CURRENT FILING DATE: 2000-10-20
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PRIMER
US-09-693-011-7

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1566 GGAGCTGGGGGAGAG 1583
DB 18 GGATGCCACGGGAGAG 1

RESULT 1405
US-09-370-541-14/c
; Sequence 14, Application US/09370541
; Patent No. 6639062
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Antioxy-Modified Nucleosidic Compounds And Oligomeric
; FILE REFERENCE: 15183993
; CURRENT APPLICATION NUMBER: US/09/370,541
; CURRENT FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: 09/130,973
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 09/016,520
; EARLIER FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; EARLIER APPLICATION NUMBER: 09/344,260
; EARLIER FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; OTHER INFORMATION: sequence
US-09-370-541-14

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5398 AATCAAAAAAGAAAAA 5415
DB 18 AAAAAAAAAAAAAAAAAA 1

RESULT 1406
US-09-559-306-50
; Sequence 50, Application US/09559306
; Patent No. 6642000
; GENERAL INFORMATION:
; APPLICANT: STRIZHKOV, BORIS
; APPLICANT: TITLIB, SERGEI
; APPLICANT: MICHAILEVICH, VLADIMIR
; APPLICANT: MIRZABEKOV, ANDREI
; TITLE OF INVENTION: PCR AMPLIFICATION ON MICROARRAYS OF GEL IMMOBILIZED
; FILE REFERENCE: 21416-90459
; CURRENT APPLICATION NUMBER: US/09/559,306
; CURRENT FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 60/165,029
; PRIOR FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 50
; LENGTH: 18
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-559-306-50

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2159 CCACCAACACCTCTGTC 2176
DB 1 CCAGAACACCTCGCTGTC 18

RESULT 1407
US-09-367-513-3/c
; Sequence 3, Application US/09367513
; Patent No. 6660255
; GENERAL INFORMATION:
; APPLICANT: Gottesfeld, Joel M.
; APPLICANT: Deryan, Peter B.
; APPLICANT: Mosier, Donald E.
; APPLICANT: Baird, Eldon E.
; TITLE OF INVENTION: INHIBITION OF GENE TRANSCRIPTION BY
; FILE REFERENCE: 27801-20012.00
; CURRENT APPLICATION NUMBER: US/09/367,513
; CURRENT FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: US 60/038,384
; PRIOR FILING DATE: 1997-02-14
; PRIOR APPLICATION NUMBER: US 60/038,394
; PRIOR FILING DATE: 1997-02-14
; PRIOR APPLICATION NUMBER: US 60/(CIT2683)
; PRIOR FILING DATE: 1997-09-02
; PRIOR APPLICATION NUMBER: US 60/(CIT2684)
; PRIOR FILING DATE: 1997-09-10
; PRIOR APPLICATION NUMBER: US 08/853,022
; PRIOR FILING DATE: 1997-04-21
; PRIOR APPLICATION NUMBER: PCT/US97/12722
; PRIOR FILING DATE: 1997-07-21
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: HIV
US-09-367-513-3

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3461 AGTCGTCATCTTCAGCA 3478
DB 18 AGTCGTCATCTTCAGCA 1

RESULT 1408
US-09-747-391-201
; Sequence 201, Application US/09747391
; Patent No. 6670124
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: TONAI, Richard
; APPLICANT: StemCyt, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/09/747,391
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 201
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-09-747-391-201

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4319 GCTATCGAAGCCCTGAG 4336
DB 1 GCTGTCGAAGCCGACAGAG 18

RESULT 1409
US-09-855-793-65
Sequence 65, Application US/09855793
Patent No. 6677121
GENERAL INFORMATION:
APPLICANT: Lizardi, Paul M.
APPLICANT: Roth, Matthew B.
APPLICANT: Peng, Li
APPLICANT: Guerra, Cesar E.
APPLICANT: Weber, Shane C.
APPLICANT: Kaufman, Joseph C.
APPLICANT: Laflamer, Darin R.
TITLE OF INVENTION: Fixed Address Analysis of Sequence Tags
Patent No. 6677121
FILE REFERENCE: YU 126
CURRENT APPLICATION NUMBER: US/09/855,793
CURRENT FILING DATE: 2001-05-15
PRIOR APPLICATION NUMBER: 09/544,713
PRIOR FILING DATE: 2000-04-16
NUMBER OF SEQ ID NOS: 79
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 65
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-09-855-793-65

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4924 AAGTATGGAAGCTTGTAT 4941
DB 1 AAGTATGGAAGCTGAT 18

RESULT 1410
US-10-125-295-9/C
Sequence 9, Application US/10125295
Patent No. 6686460
GENERAL INFORMATION:
APPLICANT: Lin, Ching-I Patsy
Wallace, Robert Bruce
Cosman, Jeffrey
French, Cynthia
TITLE OF INVENTION: Lyophilization of Cultured Human Cells
to Preserve RNA and DNA
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESS: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/125,295
FILING DATE: 17-Apr-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/545,225
FILING DATE: 07-Apr-2000
APPLICATION NUMBER: US 08/884,029
FILING DATE: 27-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Parent, Annette S.
REGISTRATION NUMBER: 42,058
REFERENCE/DOCKET NUMBER: 02558B-059100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: modified_base
LOCATION: 13..18
OTHER INFORMATION: /mod base= OTHER
/note= "t at positions 13-18 may be
present or absent"
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-125-295-9

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5398 AATACAAAAGAAAAA 5415
DB 18 AAAAAAAAAAAAAAAAAA 1

RESULT 1411
US-10-012-605C-20/C
Sequence 20, Application US/10012605C
Patent No. 6692748
GENERAL INFORMATION:
APPLICANT: Haldeman, Betty A.
APPLICANT: Thayer, Edward C.
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATED PROTEIN
FILE REFERENCE: 00-111
CURRENT APPLICATION NUMBER: US/10/012,605C
CURRENT FILING DATE: 2002-08-14
PRIOR APPLICATION NUMBER: US 60/254,019
PRIOR FILING DATE: 2000-12-07
NUMBER OF SEQ ID NOS: 23
SOFTWARE: PatSeq for Windows Version 4.0
SEQ ID NO 20
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC21,909
US-10-012-605C-20

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;


```
/ Patent No. 6770461
/ GENERAL INFORMATION:
/ APPLICANT: Carulli, John P.
/ APPLICANT: Little, Randall D.
/ APPLICANT: Recker, Robert R.
/ APPLICANT: Johnson, Mark L.
/ TITLE OF INVENTION: High bone mass gene of 11q13.3
/ FILE REFERENCE: 032796-013
/ CURRENT APPLICATION NUMBER: US/09/544,398B
/ PRIOR FILING DATE: 2002-06-10
/ PRIOR APPLICATION NUMBER: US 09/229,319
/ PRIOR FILING DATE: 1999-01-13
/ PRIOR APPLICATION NUMBER: US 60/071,449
/ PRIOR FILING DATE: 1998-01-13
/ PRIOR APPLICATION NUMBER: US 60/105,511
/ PRIOR FILING DATE: 1998-10-23
/ NUMBER OF SEQ ID NOS: 641
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 554
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-544-398B-534

Query Match          0.2% Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      258 GGACCCCATCCGAGACC 275
Db      1 GGAGTACATCCGAGACC 18

RESULT 1417
US-09-994-311-7/c
/ Sequence 7, Application US/0994311
/ Patent No. 6773886
/ GENERAL INFORMATION:
/ APPLICANT: Kaufman, Joseph C.
/ APPLICANT: Roth, Matthew B.
/ APPLICANT: Lizardi, Paul M.
/ APPLICANT: Feng, Li
/ APPLICANT: Lattimer, Darin R.
/ TITLE OF INVENTION: Binary Encoded Sequence Tags
/ Patent No. 6773886
/ FILE REFERENCE: AGL 100
/ CURRENT APPLICATION NUMBER: US/09/994,311
/ CURRENT FILING DATE: 2001-11-26
/ PRIOR APPLICATION NUMBER: US/09/637,751
/ PRIOR FILING DATE: 2000-08-11
/ NUMBER OF SEQ ID NOS: 10
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 7
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-994-311-7

Query Match          0.2% Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5391 TTAATAAATATCAAAAAA 5408
Db      18 TCAAAAAAAAAAAAAAAA 1

RESULT 1418
US-09-601-326-118/c
/ Sequence 118, Application US/09601326
/ Patent No. 6773908
```

```
/ GENERAL INFORMATION:
/ APPLICANT: PAUL DR. PREM S
/ APPLICANT: ZHANG, YANJIN
/ TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
/ TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV)
/ FILE REFERENCE: 8199-0005-55XCIP WO
/ CURRENT APPLICATION NUMBER: US/09/601,326
/ PRIOR FILING DATE: 2000-09-25
/ PRIOR APPLICATION NUMBER: PCT/US99/02630
/ PRIOR FILING DATE: 1999-04-19
/ PRIOR APPLICATION NUMBER: US 09/019,793
/ PRIOR FILING DATE: 1998-02-06
/ PRIOR APPLICATION NUMBER: US 08/478,316
/ PRIOR FILING DATE: 1995-06-07
/ PRIOR APPLICATION NUMBER: US 08/301,435
/ PRIOR FILING DATE: 1994-09-01
/ PRIOR APPLICATION NUMBER: US 08/131,625
/ PRIOR FILING DATE: 1993-10-05
/ PRIOR APPLICATION NUMBER: US 07/969,071
/ PRIOR FILING DATE: 1992-10-30
/ NUMBER OF SEQ ID NOS: 175
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 118
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-601-326-118

Query Match          0.2% Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1008 CTCGCCAGACCATGAGTC 1025
Db      18 CTTCCAGACCATCATGTC 1

RESULT 1419
US-09-142-108C-29/c
/ Sequence 29, Application US/09142108C
/ Patent No. 6774285
/ GENERAL INFORMATION:
/ APPLICANT: Brugliera, Filippo
/ APPLICANT: Holton, Timothy A.
/ APPLICANT: Michael, Michael Z.
/ TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 11658
/ CURRENT APPLICATION NUMBER: US/09/142,108C
/ CURRENT FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: P8386
/ PRIOR FILING DATE: 1996-03-01
/ NUMBER OF SEQ ID NOS: 45
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 29
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-09-142-108C-29

Query Match          0.2% Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5402 CAAAAAGAAAAATGAA 5419
Db      18 CAAAAAAAAAAAAAAAAA 1
```

RESULT 1420
US-09-856-662-38
; Sequence 38, Application US/09856662
; Patent No. 6790616
; GENERAL INFORMATION:
; APPLICANT: MORIBE, Toyoki et al.
; TITLE OF INVENTION: Method for typing HLA class 1 genes
; FILE REFERENCE: 0032-0261P
; CURRENT APPLICATION NUMBER: US/09/856, 662
; CURRENT FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: JP P1998-335151
; PRIOR FILING DATE: 1998-11-26
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 38
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA probe BL4
US-09-856-662-38

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2143 ACACGACTTCACAGACC 2160
Db 1 ACACGACTTCACAGACC 18

RESULT 1421
US-09-377-502-44/C
; Sequence 44, Application US/09377502
; Patent No. 6791011
; GENERAL INFORMATION:
; APPLICANT: Gene Shears Pty. Limited
; APPLICANT: Paul, Wyatt
; APPLICANT: Perez, Pascal
; APPLICANT: Huttner, Eric
; APPLICANT: Betzner, Andreas S
; TITLE OF INVENTION: Protein Complementaction In Transgenic Plants
; FILE REFERENCE: P1962905/TJP
; CURRENT APPLICATION NUMBER: US/09/377, 502
; CURRENT FILING DATE: 1999-08-20
; PRIOR APPLICATION NUMBER: PCT/GB98/00542
; PRIOR FILING DATE: 1998-02-20
; PRIOR APPLICATION NUMBER: GB 97/03681.8
; PRIOR FILING DATE: 1997-02-21
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Fig 3B, lane 3, RN 7
US-09-377-502-44

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1220 CATGGCAGCGGTGTAG 1237
Db 18 CATGGCAGCGCGGTGG 1

RESULT 1422
PCT-US94-05407-4/C
; Sequence 4, Application PC/TUS9405407
; GENERAL INFORMATION:
; APPLICANT:

;; TITLE OF INVENTION: "NUCLEIC ACID TAGGED IMMUNOASSAY"
;; NUMBER OF SEQUENCES: 14
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
;; STREET: Suite 1200, 127 Peachtree Street
;; CITY: Atlanta
;; STATE: Georgia
;; COUNTRY: USA
;; ZIP: 30303
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US94/05407
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/061,694
;; FILING DATE: 13-MAY-1993
;; INFORMATION FOR SEQ ID NO: 4:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: oligonucleotide
PCT-US94-05407-4

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 5398 AATCAAAAAGAAAAA 5415
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 1423
PCT-US94-05407-5
; Sequence 5, Application PC/TUS9405407
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: "NUCLEIC ACID TAGGED IMMUNOASSAY"
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/05407
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/061,694
; FILING DATE: 13-MAY-1993
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
PCT-US94-05407-5

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 327 CCTCCCTGCTTCTCT 344
Db 1 CCTCCCTATCTCTCTCT 18

RESULT 1424

PCT-US95-08605-29/c

; Sequence 29, Application PC/TUS9508605
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eletherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Opedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08605
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/388,381
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN-P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 5 of human p53 gene
; PCT-US95-08605-29

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2186 TTGCCAGGCTCTCAAG 2203

Db 18 TTGCCAGGCTCTCAAG 1

RESULT 1425

PCT-US95-13142-27

; Sequence 27, Application PC/TUS9513142
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF MASSACHUSETTS MEDICAL CENTER
; TITLE OF INVENTION: Cis-Acting Sequence for Intracellular
; TITLE OF INVENTION: Localization of RNA
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/13142
; FILING DATE: 04-OCT-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/319,836
; FILING DATE: 07-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 04020/043001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154

INFORMATION FOR SEQ ID NO: 27:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "ANTISENSE OLIGONUCLEOTIDE"
; PCT-US95-13142-27

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 3543 ATCTCACTCAAGCGCA 3560

Db 1 ATCTCACTCAAGCGCCA 18

RESULT 1426

PCT-US96-01473-2/c

; Sequence 2, Application PC/TUS9601473
; GENERAL INFORMATION:
; APPLICANT: University of Nebraska, Board of Regents
; APPLICANT: Gold, Barry I.
; TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US96/01473
;; FILING DATE: 29-JAN-1996
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/384,324
;; FILING DATE: 01-FEB-1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Reed, Janet E.
;; REGISTRATION NUMBER: 36,252
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (215) 563-4100
;; TELEFAX: (215) 563-4044
;; INFORMATION FOR SEQ ID NO: 2:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: not relevant
;; MOLECULE TYPE: other nucleic acid
;; HYPOTHETICAL: YES
;; ANTI-SENSE: YES
PCT-US96-01473-2

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5396 AAATACAAAAAGAAA 5413
Db 18 AGAAAAAGAAAAAGAAA 1

RESULT 1427
PCT-US96-01473-4/c
;; Sequence 4, Application PC/TUS9601473
;; GENERAL INFORMATION:
;; APPLICANT: University of Nebraska, Board of Regents
;; APPLICANT: Gold, Barry I.
;; TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
;; NUMBER OF SEQUENCES: 14
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
;; STREET: 1601 Market Street Suite 720
;; CITY: Philadelphia
;; STATE: PA
;; COUNTRY: USA
;; ZIP: 19103-2307
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US96/01473
;; FILING DATE: 29-JAN-1996
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/384,324
;; FILING DATE: 01-FEB-1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Reed, Janet E.
;; REGISTRATION NUMBER: 36,252
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (215) 563-4100
;; TELEFAX: (215) 563-4044
;; INFORMATION FOR SEQ ID NO: 4:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: not relevant
;; MOLECULE TYPE: other nucleic acid

;; HYPOTHETICAL: YES
;; ANTI-SENSE: YES
PCT-US96-01473-4

Query Match 0.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5397 AAATACAAAAAGAAA 5414
Db 18 AAAGAAAAAGAAAAG 1

Search completed: November 2, 2004, 10:28:10
Job time : 87 secs